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01/01/1967 (57 ans)

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Belfort (90000)

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Engineer specialist in mechanics, electro-mechanics and electric marine propulsion, Sénior

EXPERIENCES PROFESSIONNELLES

- janv. 2018 / déc. 2022** SEAJET pod service technical leader / GE Power Conversion / Belfort and Russia
*# For project of marine pod propulsion 7,5MW and 15MW.
I managed and I leaded the installation and the commissioning activities for the pod propulsion on sites in Russia and in Korea.
I managed the redaction of the technical documentation (installation procedure and OM&M) for the pod and auxiliaries.*

*I was also mechanical lead engineer, in design phase, for a project of 2 test benches for routine and type tests of the pods.
I was in charge to manage the design, the manufacturing, the erection and the commissioning of test benches.*
- janv. 2015 / janv. 2018** 2015 to 2018 / Qualification, installation and pod service technical leader / GE Power Conversion / Belfort, UK, SG and Japan
*# For a new project of marine pod propulsion 7,5MW.
I was in charge of the development of the qualification plan for systems. I managed the actions of qualification from makers and suppliers determined from FMEA and RETEX.
In charge of the redaction of the documentation (procedures + drawings) for the installation of the pod propulsion and of the equipment inside the vessel. I managed the specification and the procurement of the specific tools.
In charge of the redaction of the OM&M of the pod and auxiliaries.*

*# For delivered projects of marine pod propulsion 2,5MW.
Service technical leader in charge of the retrofit, the re-engineering of the unreliable systems and the resolution of the warranty claims of the pod product.
I leaded RCAs, factory qualification tests, parts inspection, failure analysis, fatigue strength assessment, sourcing and manufacturing of new systems and structural parts.
I managed and participated at the retrofit and corrective actions operations on site (drydocks and trials). I wrote work instructions and acceptance tests procedure.
In charge of the reworking of the customer documentation such as OM&M and installation procedures and checklists.*
- janv. 2014 /** 2014 / Installation and commissioning engineer / GE Power Conversion / Japan
*# For a series of 4 platform supply vessels propelled by pods 2,5MW.
In charge of the installation of the pods, of the steering systems and all auxiliaries into the vessels.
Participation at the commissioning and at the quay and sea trials.*
- janv. 2012 / déc. 2013** *# For a project of pump jet pod propulsion (2,5MW) for platform supply vessels application.
Responsible of the hydrodynamic work package (design, calculation and test) for the pod shape, nozzle and propeller. For these parts I was in charge of the design, the manufacturing and the acceptance.
As supplier quality engineer I attended and actively participated at the production, the acceptance and the delivery of*

structural parts.

In charge of pod outboard and inboard sub-systems installation procedure in the vessel.

In charge of the qualification, tests plan and the FAT procedures for the pods assembly.

oct. 2010 / mars 2012

Fleet manager

CONVERTEAM / Belfort

For marine service

Point of contact for the ship owners for propulsion system service, troubleshooting support, repair and modernization due to for example obsolescence of equipment.

Warranty engineer for claims resolution for new vessels delivered. Writing of maintenance plan and execution of service contract.

sept. 2006 / sept. 2010

Site manager and system engineer

CONVERTEAM / Belfort

For marine application

System engineer in the development and design of the new concept of pod propulsion, named Pump Jet Pod.

In charge of hydrodynamic, hull integration, technical room arrangement and auxiliaries such as: cooling unit and slip rings for fluids, signals and high voltage.

For marine service

Site manager in charge of the upgrade and the repair activities of propulsion systems in dry docks for cruise vessels with pods.

janv. 1994 / août 2006

DELPHI CORPORATION / Tremblay en France

Division Energy and Chassis - Innovation Center

Position : Project and system engineer in the chassis R&D department

Automotive components, Physical testing laboratory

Positions:

Test Engineer (Development of test plan for product validation. Specification, design, sourcing of test benches and tooling.).

Test coordinator (team leader for tests activity of automotive components).

DIPLOMES ET FORMATIONS

sept. 2003 / sept. 2005

Master's degree in mechanical engineering with electro-mechanical and power electronic specialization - BAC+5

UTC

COMPETENCES

FMEA, application System, AUTOCAD, CAN bus, in design, MATLAB & SIMULINK, MICROSOFT PROJECT, OFFICE, acceptance tests

COMPETENCES LINGUISTIQUES

Anglais

Courant

Italien

Elémentaire

Russe

Français

Courant