



CURRICULUM VITAE Boris N Valentin

DISCIPLINE: Mechanical Engineer B. Sc. specialized in Project Management, offshore piping and structural design, Simulation and CAD design

NAME : Boris N Valentin

DATE OF BIRTH : 15/12 1961

NATIONALITY : Danish

LANGUAGES : Scandinavian, English, German, French

EDUCATION : Mechanical Engineer with majors in Materials and Mechanical Design June 30th 2001

FURTHER EDUCATION : Caesar II certified  
Cosmos FEM analysis  
PIV Laser Systems operator  
Intellectual Properties courses  
LEAN Implementation  
Risk Management courses (Medical)  
**Software training at expert** level in AutoCAD, Solid Works, Inventor, Pro Engineer, SQL Database, Office Package, Mechanica, Cosmos, Geostar, FlowWorks  
**Software training at user** level in Piping and Wiring  
Driver's license for car, bus and truck  
Yacht master  
Dive master - instructor  
Sky diver  
Sergeant (army) 1981-84  
World record in diving 1983 (Guinness Book of Records)

KEY QUALIFICATIONS :

- Project Management
- Design, Construction and Site Manager
- Site Inspector HSE, QA, Installation Supervision
- Surface treatment, Fabrication and Installation etc.
- General document and specification handling
- Structural Design
- Project Planning
- Supervision, QC, NDT etc. documentation
- General welding documentation

EXPERIENCE RECORD :

General : 25 years of experience in Business and Engineering related



Jan. 2015 – Present : work in most areas of the world.  
Company: Starmarine Pro

Position: Site Manager

June 2014 until Present Site Manager at CMHI (China Merchants Heavy Industries) Haimen (Nantong, China) in charge of building 4 CJ46 Jackup's for owners side

Responsibilities:

- Drilling, Piping, Mechanical, Electrical and Structural related issues from installation to Commissioning and final inspection with Class and Yard.
- Primary responsibility toward owner (Welltarget inc)
- Site inspections including HSE and QA/QC
- Supplier negotiations including HSE and QA/QC
- Point of contact for Class, Yard and Suppliers
- Direct supervision of site team and training role towards Yard management

Feb. 2012 – Jan. 2015 : Company: Semco Maritime

Position: Senior Project Engineer/Manager

November 2013 until February 2014 Lead senior site engineer at Maersk Developer (semi sub) SPS in Mississippi

Responsibilities:

- Piping, mechanical and structural related issues from installation to tests and final inspection with Class and Customer.
- Primary responsibility NOV oversight for service issues
- Site inspections including HSE and QA
- Supplier negotiations including HSE and QA
- Point of contact for Class, Customers and Supervisors for all issues relating to structure, piping and equipment
- Direct supervision of all derrick supervisors, fabricators and surveyors (team of 200+ men)

Middle May 2013 until middle November 2013 Temporary Operations Manager/Senior rig upgrade Manager Semco Maritime Vietnam



Responsibilities:

- Setup of organisation to prepare Department to include rig upgrades in operational portfolio
- Site inspections
- Point of contact for Class and Customers
- Direct Manager for Rig upgrade of Murmanskaya rig (Jack up) (3½ month)
- Documentation and oversight of all other projects during the entire period
- Direct management of engineering department
- Implementation of procedures for document control and work flows

End of January to April 2013 Documentation work on EDC jack-up in Bahrain

Responsibilities:

- Revision of Operations Manual to reflect current modifications
- Site inspections
- Point of contact for Class and Customer
- 3<sup>rd</sup> party drawing revision to ensure Company and Class HSE standards are met
- Documentation deliverables

Autumn 2012 Lead senior site engineer at Transocean Leader (semi sub) upgrade in Norway

Responsibilities:

- Piping, mechanical and structural related issues from installation to tests and final inspection with Class and Customer.
- Site inspections including HSE and QA
- Supplier negotiations including HSE and QA
- Point of contact for Class, Customers and Supervisors for all issues relating to structure, piping and equipment
- Direct supervision of all derrick supervisors, fabricators and surveyors (team of 50+ men)
- Modification designs from CAD to final documentation
- Documentation deliverables

Spring 2012 Classification of Drillship for Odfjell in Brazil

Responsibilities:



- Site inspections both on Drillship and at construction facilities onshore including HSE and QA
- Supplier negotiations and supervision including HSE and QA
- Point of contact for Class, Customer and Site Engineers
- Modification designs from CAD to final documentation
- Documentation deliverables

Oct 2011 – Feb. 2012 : Atlantic Crossing

Captain own ship

Aug. 2009 – Oct 2011 : Company: National Oilwell Varco I&C Korea

Position: Senior Piping and Structural Engineer with sole site wide responsibility for all Piping, Mechanical and Structural issues (site inspections, Vendor related communications, internal technical clarifications and customer contact), on all derricks.

Projects: Continuously responsible for 8+ drillships and a few semi subs (total delivery of 28 rigs during this period)

Responsibilities:

- Piping, mechanical and structural related issues from installation to tests and final inspection with Class and Customer.
- Site inspections including HSE and QA
- Supplier negotiations
- Point of contact for Class, Customers and Supervisors for all issues relating to structure, piping and equipment
- Direct supervision of all derrick supervisors, fabricators and surveyors (team of 40+ men)
- Modification designs from CAD to final documentation
- Documentation deliverables

Jan. 2007 – Aug. 2009 : Company: National Oilwell Varco Norway

Position: Piping/project Engineer with company wide responsibility for all Piping issues (Stress calculations, site



inspections, Vendor related communications and customer contact), Parts lists, flow diagrams etc. on derricks.  
Projects: Continuously responsible for 12+ derricks

Responsibilities:

- Specification documents for customers and suppliers
- General Companywide piping procedures
- Site inspections including HSE and QA
- Supplier negotiations
- Flow simulations
- Point of contact for customer and workshop related issues with piping and equipment
- Strength analysis and design training of personnel in Shanghai China on CAD and best design practice

Aug. 2004 – Jan. 2007 :

Company: Bang & Olufsen Medicom A/S

Position: Mechanical Engineer with company wide responsibility for all Mechanical design analysis (Mechanical systems and FEM), CFD simulation and PIV Visualization

Projects: Medical Inhalers in cooperation with various medical companies.

Responsible for mechanical development of devices in Pro Engineer and SolidWorks.

Flow simulation to verify concept.

PIV analysis of prototypes.

CAD development.

Production setup, risk assessment, intellectual properties research.

Lead Mechanical designer on 5 products

Presently inventor on 3 flow related patents

Aug. 2003 – Aug. 2004 :

Company: Danfoss A/S

Position: Patent Engineer

Project: Responsible for Intellectual Properties at 5 Danfoss divisions maintaining IP portfolios, researching patentability and some CAD construction in Inventor and Solid Works to demonstrate principles. IP responsible at 5 separate Due Diligence investigations of companies.

Sep. 2000 – Aug. 2003 :

Company: Dansk Ingenioer Service A/S, Aarhus

Position: Project Engineer



Project: Consulting Engineer in Mechanical Design and internally responsible for network, server, software and software support.

- Sep. 2000 : Company: Dansk Ingenioer Service A/S, Aarhus
- Client: Hwam Handling  
Position: Project Engineer  
Project: CAD construction of Doors for Furnace, Solid Works and AutoCAD.
- Oct. 2000 – Jan. 2001 : Company: Dansk Ingenioer Service A/S, Aarhus
- Client: Hwam Handling  
Position: Project Engineer  
Project: Optimization and CAD construction of complete electric/hydraulic Pallet Truck, Solid Works and Cosmos
- Jan. 2001 – June 2001 : Company: Dansk Ingenioer Service A/S, Aarhus
- Client: internal project  
Position: Project Engineer  
Project: Cad construction of medical glovebox for work with genetic material including flow simulation of interior to ascertain complete changeover of circulated air. Solid Works, Flow works, Piping and wiring
- June 2001 – Aug 2001 : Company: Dansk Ingenioer Service A/S, Aarhus
- Client: Crisplant FKI Logistex, Aarhus  
Position: Project Engineer  
Project: CAD construction of Conveyor belt for Bangkok Int. Airport, Solid Works
- Aug. 2001 – Mar. 2002 : Company: Dansk Ingenioer Service A/S, Aarhus
- Client: Crisplant FKI Logistex, Aarhus  
Position: Project Engineer  
Project: CAD construction of elements for Conveyor system for Munich Airport. Mainly design of elements for diverting baggage trays into 2 directions with test setups and simulations in Cosmos for strength analysis. Solid Works, AutoCAD and Cosmos
- Mar. 2002 – Sep. 2002 : Company: Dansk Ingenioer Service A/S, Aarhus
- Client: Crisplant FKI Logistex, Aarhus  
Position: Project Engineer  
Project: CAD construction of complete conveyor system for Johannesburg Airport, Solid Works and AutoCAD



- Sep. 2002 – Dec. 2002 : Company: Dansk Ingenioer Service A/S, Aarhus  
Client: Crisplant FKI Logistex, Aarhus  
Position: Project Engineer  
Project: CAD construction of elements for Conveyor system for Brussels Airport. Mainly curve element with test setups and simulations in Cosmos for strength analysis. Solid Works, AutoCAD and Cosmos
- Dec. 2002 – Jan. 2003 : Company: Dansk Ingenioer Service A/S, Aarhus  
Client: Micon, Randers  
Position: Project Engineer  
Project: Strength analysis of windmill parts. ProEngineer and Ansys
- Jan. 2003 – Feb. 2003 : Company: Dansk Ingenioer Service A/S, Aarhus  
Client: Svendborg Brakes, Svendborg  
Position: Project Engineer  
Project: Strength analysis of Brake Caliper. ProEngineer and Cosmos
- Feb. 2003 – Apr. 2003 : Company: Dansk Ingenioer Service A/S, Aarhus  
Client: Hycon A/S, Aalborg  
Position: Project Engineer  
Project: CAD construction of hydraulic tools and prototype production with primary test setup, Inventor
- Apr. 2003 – Aug. 2003 : Company: Dansk Ingenioer Service A/S, Aarhus  
Client: Danfoss Drives A/S  
Position: Project Engineer  
Project: CAD construction of IP65 Frequency Inverter including simulation of internal flow to optimize cooling, ProEngineer and Cosmos
- Jan. 1999 – June 1999 : Company: Toria Auto A/S  
Position: trainee  
Project: prototype development of cabin tricycle from 3D CAD to machining and outsourcing, Solid Works and AutoCAD
- Sep. 1995 – Feb. 1996 : Company: Lautoka Wharf, Fiji



Position: Project responsible

Project: Rebuild of Tuna Fishing fleet (8 ships) for power redundancy in cooling. Managed a 12 man local crew of skilled workers from planning the rebuilds to overseeing the projects

Oct. 1993 – Mar. 1994 :

Company: Andy Griffith Yacht Service, Sydney

Position: Project responsible

Project: Renovation of Yachts in Sydney with specialty in electric and hydraulic systems

Dec. 1990 – Mar. 1992 :

Company: Taino Beach Condominiums, Grand Bahamas

Position: Advisor

Project: Marina project at canal hotel with responsibility for all AutoCAD drawings, Overall Layout and Inspection onsite

Aug. 1988 – Mar. 1989 :

Company: Ships project Bifrost

Position: Design, Drawing and actual work

Project: Complete design and construction of Vikingship replica in modern materials, including blueprints, strength calculations, electrical and hydraulic systems, standing and running rig and all control systems.

Sep. 1984 – July. 1988 :

Company: Valentin imports

Position: One man company based in India

Project: Acquisition of raw materials and production of items for sale to shops in Denmark. Main areas in clothing, jewellery and custom woodwork.

If further information regarding the experience record or other data is required, please do not hesitate to contact our office.