



Mikal Marø Warholm

Principal engineer

03.04.1967
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FJORDTEC

Fjord Technology AS
N-6065 Ulsteinvik Norway
FJORDTEC.NO

Work experience

- Principal engineer** 2020 - pres.

Electro / Power
Fjord Technology AS
- Principal engineer** 2015 - 2020

Electro / Power
Kleven Maritime Technology AS
- Project manager** 2011 - 2015

Sales & ship building
Ulstein Verft AS
- Project manager** 2006 - 2011

Ship design packages, engineering and equipment
Ulstein Design and solutions AS
- Project manager electrical systems** 1997 - 2006

Part of building team, test responsible electrical systems
Ulstein Verft AS
- Electrical engineer** 1996 - 1997

Detail electrical design offshore vessels
Ulstein Verft AS
- Electrical engineer** 1994 - 1996

Detail electrical design B223 Polarlys - passenger vessel
Ulstein elektro AS
- Ship electrician** 1994

Detail electrical design offshore vessels
Ulstein Verft AS
- Site follow-up rebuilding of vessel in Bergen 1993 - 1994

Electrical system follow-up on the vessel Far Sun
Farstad Shipping AS

Expertise

- Naval and ship systems
- Automation and control systems
- Ship building
- Environmentally friendly solutions
- Electrical propulsion systems
- Power packs
- Maritime energy storage systems
- Electrical engineering ship systems
- UPS Solutions
- FMEA Analysis
- Safety Assessment Battery Systems
- Load Flow Analysis
- Voltage drop analysis
- Marine Regulations

Professional skills

- Project management
- Test drive management
- Networking
- Production Planning
- Quality assurance
- Sales management
- Warranty follow-up
- Purchase

Project experience

- Kleven NB398 PSV** 2020
Project manager electrical systems, responsible for electrical coordination and interfaces towards ship designer, sub-suppliers, owner & class
Kleven Maritime Technology AS
- Hurtigruten MS Roald Amundsen & Fridtjof Nansen** 2017 - 2020
Project manager electrical systems, responsible for complete electrical coordination towards ship designer, suppliers, owner & class. Supported test team during test period and participated in SRtP- and ICOG-test for USCG among many others
Kleven Maritime Technology AS
- Kleven NB372 Cable layer NKT Victoria** 2015 - 2017
Project manager electrical systems, responsible for electrical coordination and interfaces towards ship designer, sub-suppliers, owner and class. Participating in test of power system ABB DC-grid, IAS/ PEMS on FAT, HAT and SAT's.
Kleven Maritime Technology AS
- Ulstein NB303, 304, 305 & 306 Ulstein PX106 PSV** 2013 - 2015
Project Manager, with contract management, building and project follow up including project economics from start to delivery of vessels.
Ulstein Verft
- Ulstein NB298, 299, 300** 2011 - 2013
Project manager sales
Ulstein Verft
- Design, engineering and equipment packages** 2007 - 2011
Project manager
1 x ESVAGT St.By.Rescue vessel SX123 at Samakona, Spain
1 x Oil carrier P806 for Siem Consub Brazil
2 x Polarcus Seismic vessels SX124 built at Dubai Drydocks
2 x WesternGeco Seismic vessels SX124 at Dubai Drydocks
4 x WesternGeco Seismic vessels SX124 at Barreras, Spain
Ulstein Design & Solutions
- Ulstein NB273 AX104 AHTS Bourbon Orca** 2005 - 2006
Part of project team as responsible for all electrical systems , test responsible towards owner and DNV-GL on HAT and SAT.
Ulstein Verft
- Ulstein NB223, 255, 256, 257, 258, 266, 267, 268, 269, 270** 1995 - 2005
Part of project team as responsible for all electrical systems , test responsible towards owner and DNV-GL on HAT and SAT.
Ulstein Verft

Software

- Ms Office
- AutoCad
- Triark
- Tempus

Languages

- Norwegian (native language)
- English (fluent)

Recreational interests

- Hiking
- Biking
- Fishing
- Family
- Old timer cars

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Education

- **Electrical power distribution** 1991 - 1993
Technical engineer
Technical University in Aalesund (Now NTNU)
- **Electrician** 1984 - 1985
Technical college
Ulstein vidaregåande skule

Courses, certification and other expertise

- **Course: Marine Battery Installations** 2018
DNV-GL
- **Course: How to reduce risk in projects** 2010
Management course
Metier OEC
- **Course: Project management part 1 & 2** 2009 - 2010
Management course
Metier OEC
- **Course: Management and interactions in teams** 2009 - 2010
Management course
Nord West Forum
- **Course: HSE working environment** 2008
- **Certificate: Marine automation officer** 1993
- **Military service** 1989 - 1990
Weapon system technician on F-16 fighter planes
Royal Norwegian Air Force
- **Certificate of apprenticeship** 1988
Electrical installer certificate, group L
Ulstein Elektro AS
- **Apprenticeship training period** 1985 - 1988
Towards getting the Electrical installer certificate, group L
Ulstein Elektro AS

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