Björn Penzel

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I am an experienced Marine Warranty Surveyor and former Submarine cable Jointer / Tester with a vast experience in all stages of an offshore wind farm installation. Mechanically minded and solution driven with a proactive approach towards safety. I understand company values and am always willing to learn and overcome new challenges.

EXPERIENCE:

DNV-GL Nov 2020 - Present

Marine Warranty Surveyor <u>Project: WPD - Yunlin, Taiwan</u>

- Load-in of IAG 630mm² array cable from the Vessel Aimery to shore based static Tank
- Load-in of IAG 630mm2 array cable from the Vessel Foreign Legion to shore based Carousel

DNV-GL Aug 2020 - Nov 2020

Marine Warranty surveyor

Project: Hitachi TPC Changhua Phase 1

Installation of Hitachi 5,2M WTG's on board Jack-up Vessel "JDN Taillevent"

DNV-GL May 2020

Marine Warranty Surveyor

Project: Vattenfall - Danish Kriegers Flak

Sealing and floating transportation of monopiles into Windpark

DNV-GL Feb 2020 - Mar 2020

Marine Warranty Surveyor

Project: Coastal Virginia

• Cable mock up test, loadout of TP's and Monopiles at EEW in Rostock

EnBW April 2019 - Oct 2019

Client Representative
Project: Hohe See & Albatross

• WTG installation - Siemens 6.2-156 Turbine (single blade installation) - Vessel: Brave Tern

DNV-GL July 2018-Aug 2018

Marine Warranty Surveyor

Project: Trianel Windpark Borkum II

• Loadout WTG components, Transport of WTG components

DNV-GL Jan 2018 - Aug 2018

Marine Warranty Surveyor

Project: Iberdrola East Anglia One

- Suitability survey of M-Type Cargo Vessel "Muntgracht"
- Suitability survey of HLV "Bokalift1"
- Suitability survey OSV Olympic Taurus
- Suitability survey of Semi-Submersible Barge "Boabarge35"
- Suitability survey of CLV Ndurance
- Suitability survey of rock dumping vessel Bravenes
- Load out of pin piles Vessel: Muntgracht
- Load out pin piles to HLV Bokalift1, transportation to OWP EA1
- Pin pile installation using subsea template Vessel: Bokalift1
- Jacket installation Vessel: Bokalift1
- Inner array cable installation Vessel: Boskalis Ndurance
- Scour protection installation Vessel: RDV Bravenes

DNV-GL Nov 2017-Dec 2017

Marine Warranty Surveyor

Project: Iberdrola Wikinger

- Incident investigation after DP loss of Vessel Viking Neptune, root cause was Bug in Software update
- DP Capability trials to determine possibility of increased Wind & Wave limitations

DNV-GL Oct 2017

Marine Warranty Surveyor

Project: Arkona

• Upending and installation of Mono piles - Vessel: HLV Swanen

DNV-GL Sep 2017

Marine Warranty Surveyor

Project: Adwen Large corrective campaign Global Tech 1

- SPMT roll on of WTG components onto Barge
- Exchange of WTG components due to overhaul period, Vessel: Deme Neptun

DNV-GL July 2017- Aug 2017
Marine Warranty Surveyor

Project: Dolwin Gamma

- Removal of strain jacks and installation of "super bolts"
- Installation of access gangway to Dolwin Alpha. Installation of cat housings
- Removal of strain jacks and installation of "super bolts"
- Installation of access gangway to Dolwin Alpha. Installation of cat housings

DNV-GL Mar2017 - July 2017

Marine Warranty Surveyor

Project: Iberdrola Wikinger

- Suitability survey M-Type Cargo Vessel "Marsgracht"
- Load out of pin piles to Cargo Vessel Marsgracht
- Rotor Star installation Vessel: HLV Brave Tern

DNV-GL Mar 2016

Marine Warranty Surveyor

Project: Alpha Ventus

• Export Cable re-burial - Vessel: Kraken

DNV-GL Nov 2015 - Dec 2016

Marine Warranty Surveyor

Project: WPD Nordergruende

- Suitability surveys off tug boats.
- Load in of Monopiles and transport to storage site CT1 Bremerhaven
- Load out and load in of Nacelles by SPMT onto transport barge BHV1, transport to CT1 Bremerhaven
- Rotor Star assembly at storage site CT1 Bremerhaven.
- Load out of Mono piles to HLV MPI Enterprise
- Mono pile and transition piece (bolted connection) Installation Vessel: HLV MPI Enterprise.
- WTG installation Senvion 6.2M126 Vessel: HLV MPI Enterprise. Upending and installation of Rotor Star

DNV-GL Mar 2015 - May 2015

Marine Warranty Surveyor

Project: Baltic 2

- Inner array Cable installation Vessel: Olympic Commander
- WTG installation Siemens SWT-3.6-120 Vessel: HLV Vida

Germanischer Lloyd Marine Warranty Surveyor July 2012-Dec 2014

Project: RWE Nordsee Ost

- Jacket installation- vessel: HLV Victoria Matthias
- upending of anchor piles & installation, grouted connection vessel: HLV Victoria Matthias
- WTG installation Senvion 6.2M126 Vessel: HLV Victoria Matthias
- Rotor Star installation -Vessel: HLV Victoria Matthias
- Single Blade installation Vessel: HLV Friedrich Ernestine
- Inner array cable installation Vessel: CLV Normand Flower
- Suitability Survey of Supply Vessel: Toisa Valiant

Germanischer Lloyd Marine Warranty Surveyor Aug 2013

Project: WIND MW Meerwind SO

• floatover installation of OSS Helwin Alpha, grouted connection, Vessel: Oleg Strashnov

Germanischer Lloyd Marine Warranty Surveyor Oct 2012

Project: WIND MW Meerwind SO

• Transition piece Installation, grouted connection - Vessel: HLV Leviathan

Germanischer Lloyd Marine Warranty Surveyor Jan 2012-Mar 2012

Project: BorwinAlpha

Towing of floating OSS structure from Shipyard Dock to harbour basin, rotate OSS 180°, towing and positioning
of floating OSS into the Shipyard Dock

Germanischer Lloyd Marine Warranty Surveyor 2012

Project: Bard Offshore 1

• Foundation installation, upending and placing piles using Shipboard template, installation of transition piece (Stützkreuz), grouted connection - Vessel: Wind lift 1

Noble Drilling Roughneck 2005-2012

- Roughneck on Jack-up rigs, experience with Cyber based and semi-automatic derricks.
- Working on mud pumps, mixing mud, work in the shale shakers.
- Experience in operating XY Racker, Hydra Tong and catwalk machine via the cyber chair
- maintenance on specific tools and equipment,
- safety representative.

2002 - 2004

1996 - 1997

Norddeutsche Seekabelwerke

Submarine Cable Jointer / Tester Project: Sacofa Excel Comindo Projekt Malyasia / Indonesia Cable Jointer / Tester and Client representative, Cable lay and burial of submarine cable 2003 Norddeutsche Seekabelwerke Submarine Cable Jointer / Tester Mobilization of the new build Cable Ship Arcos 1 in Vigo, Spain Norddeutsche Seekabelwerke 2002 - 2003 Submarine Cable Jointer / Tester Project: Siemens Nigeria Recovery and repairs of damaged submarine cable, reburial of cable. Norddeutsche Seekabelwerke 2002 Submarine Cable Jointer / Tester Project: Arcos several repair jobs on the Arcos link on NSW lightweight-, Single- and double armoured submarine cables. Cable Trenching and Ploughing 2001-2002 Norddeutsche Seekabelwerke Machine Operator deck machinery submarine cables extensive training to Submarine Cable Lointer & Tester 2001-2002 ARGE Wesertunnel Construction and drill technician

Mechanic, Weapon System Phantom F4F
 German Airforce, JagdGeschwader71 "R" Wittmund, Germany

Military service

Weapon System Mechanic

Construct tools and structures & support Terrestrial Surveyors

Berufsbildende Schulen 1994-1996 Economy Shool

• Degree in Economy & Extensive Studies, Berufsbildende Schulen, Nordenham, Germany

Fechner 1991-1994

Stahl- und Metallbau GmbH

• Vocational training as a metalworker by passing the final apprenticeship examination (specifying in Construction-Engineering),

TRAININGS & ACTIVITIES:

- GWO Fire awareness
- GWO Sea Survival
- GWO Huet & CABS
- GWO Manual handling