



Christoph Hovenjürgen, Diplom Marine Engineer (FH Bremerhaven)

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Germany

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CV Christoph Hovenjürgen Marine Engineer



Last important jobs:

RWE Power Station 2 x 880 MW , Netherlands, Eemshaven, 2013 – 2015

(2 x 880 MW, fossil): Fire fighting systems from Minimax and Bosch. Building coordinator and commissioning manager



Segro/GSE Building manager logistic project in Krefeld (2017)

Construction Manager ,18.000 m2, project also with Minimax for fire fighting and central alarm station

Siemens Kraftwerk Beni Suef in Ägypten, 2018

Building coordinator and commissioning manager



GHKW Kiel Kraftwerk Deutschland April 2019

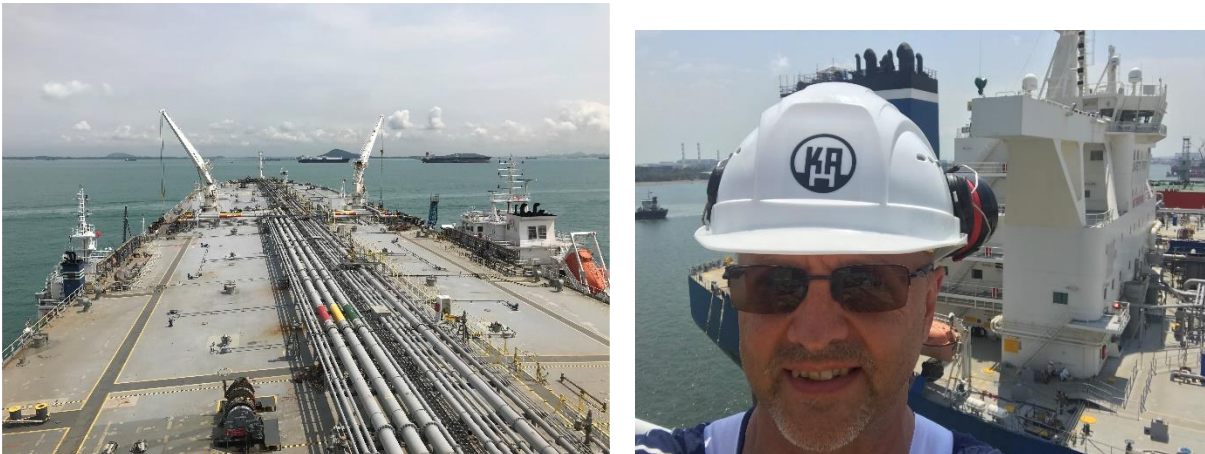
Fire fighting systems from Minimax: building coordinator mechanical and electric and commissioning manager.

Commissioning with different surveyors TÜV SÜD, VDS owner surveyors



Bilfinger Commissioning Manager 2109 - 2020

Commissioning Manager Bilfinger Scrubber Abgasanlagen/Delta Tankers: TM Delta Hellas und Chandris: TM Serenea Singapor und China/Marmaras Maria Maria/Chandris TM Ellinis



Today (01.06 – today) Deputy Site Manager Bertsch/Eon KEMSLEY MILL CHP (K4)

The new CHP plant will comprise of:

- Gas turbine technology providing ~ 57 MW nominal power output;
- A Heat Recovery Steam Generator, producing in the region of 105 to 110 MWth steam;
- A steam turbine, producing in the region of 16 MW of electrical power;
- 60 tonne bypass condenser and
- Supporting building and infrastructure i.e. generator, transformer, switchgear, chemical dosing, cooling fans etc.



Personal details

Name	Christoph Hovenjürgen
Nationality	German
Born	Germany, 48249 Dülmen/NRW
Date of birth	18.12.1960
Family	Girlfriend, 1 children
Place of living	Germany, 66440 Blieskastel Im Friesengärtchen 22 Brazil, Sao Paulo, Av. das

Contact details

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Summary job experience:

Managing, Sales and Commissioning experience worldwide the following areas:

- Marine business, Power industry business and shipyard experience
- Nuclear and fossil power station experience in leading positions (Würgassen, Krümmel, Eemshaven)
- Sales experience B2B worldwide for Caterpillar engines and marine automation systems
- Commissioning experience worldwide power stations here especially with Siemens, RWE, GHKW Kiel
- Commissioning experience in marine and power business (Bilfinger, Schaller, Böning)
- Managing experience and business development experience (Caterpillar/Sunseeker)

School/Study education:

Marine engineer education (Diplom Engineer FH)	Marine High school in Bremerhaven from 1987 – 1989
Examination work marine education	Increasing power in the fossil power station Wilhelmshaven (E.ON AG) in the time from 5 up to 30 seconds
Marine engineer education	Marine High school in Bremerhaven from 1984 until 1984
Postgraduate school	School in the city Coesfeld Year 1982
Vocational school certificate Electromechanics	School in the city Münster Year 1981
School certificate	School in the city Dülmen Year 1978

Professional CV

Vocational education Time from 1978 - 1981	Company Neudecker & Jolitz in Gescher, DE (Examination: 2,3) www.neudecker-jolitz.de
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Technical Marine officer assistant Time from 1982 - 1984	Shipping company Sloman Neptun AG in Bremen, DE worldwide travel on container vessels, tankers and exploration vessels www.sloman-neptun.de
Technical Marine Officer Time from 1986 - 1987	Shipping company Sloman Neptun AG in Bremen, DE worldwide travel on container vessels and LPG tanker www.sloman-neptun.de
Marine engineer Time from 1989 - 1990	Preussen Elektra AG (E.ON AG), DE Nuclear power station Würzgassen (700 MW) www.eon.de
Marine engineer Time from 1990 - 1995	Hamburgische Electricitätswerke AG (Vattenfall Europe), DE, Nuclear power station Krümmel (1470 MW) www.hew.de
2. Technical officer Time from 1996 – 1998	Shipping company Oltmann, DE, worldwide travel on container vessels www.oltship.de
Technical and commercial management, Marine business Time from 1998 - 2002	Company Sunseeker in Brazil: Sales and service activities in Brazil www.sunseeker.com
Technical and commercial management, Marine business Time from 2002 - 2004	Company De Valk Malaga S.L. in Spain www.devalk.nl
Technical and commercial management Time from 2005 - 2007	Company Schaller Automation in Germany www.schaller.de
Sales/Service Manager Time from 2007 - 2009	Company Zeppelin Power Systems in Bremen, DE Sales from MaK and Caterpillar diesel engines Project management and responsible for the Caterpillar dealer advisory team www.zeppelin-powersystems.com www.zeppelin.de
Own company since 2009	Commissioning and mechanical engineering in different projects especially in power stations, yacht – and industry projects
<u>Last project power station</u>	Power station Eemshaven from RWE in the Netherlands (2 x 800 MW, fossil): Responsible for Main- and

auxiliary cooling water systems. Fire fighting systems
from Minimax and Bosch. Building coordinator
Project Management Thermoschock procedure

Siemens Power Station Beni Suef, GHKW Kiel
Comissioning/Documentation/Planing

Mechanical and electrical function tests for the water, gas and fire alarm fighting systems
Documentation function test and final tests (BFSM/Brandfallsteuermatrix)
Planing and execution the function test and final tests with surveyors (DEKRA/VDS) and future power station owners
Developing checklist for the function and final tests
Weekly/daily meetings with the different suppliers to analyse the project progress
Reporting to the management
Monthly status meetings with the supplieres
Time schedule for the whole project from starting to the last documentation
Answering obstruction letters from the main suppliers
Daily inspection in the plant to observe progress
Supporting the suppliers to get ready in time
PTW (Permission to work) evaluating and undersigning
Safety instructions new working members
6 years safety drill in nuclar power stations in Germany

Actual (June 2019 – now)

Commissioning Manager Bilfinger Scrubber Abgasanlagen/Delta Tankers: TM Delta Hellas und Chandris: TM Serenea Singapor und China/Marmaras Maria Maria/Chandris TM Ellinis

Shipyard and commissioning experience with tankers and cargo vessels

Special courses

Nuclear courses in Essen Germany, Karlsruhe

Traine courses in nuclear power stations Krümmel and Würgassen

Prozess course ISKAMATIC B from KWU

Pumps in nuclear power stations from KSB

Thermohydraulic courses from Siemens

Nuclear courses from Siemens

Simulator courses in Essen

Professional experience

Job Education Electromecanic (Neudecker & Jolitz)

Troubleshooting and repair from all electric devices (per example generators and electric-motor drives)

Merchant marine business

Working time on board from merchant vessels (Sloman Neptun, Oltmann, Bilfinger)

Driving and controlling from diesel engines up to 32.000 kW

Dry dock experience

Planning and leading revisions

Controlling main - and auxiliary engines

Troubleshooting and maintenance experience

Electric engines, transformers and electric equipment. Marine diesel experience (two stroke/four stroke) up to 35.000 kW (Deutz, MAK, MAN, B&W, Wärtsila, MTU, Yanmar, Volvo Penta, Perkins, Caterpillar, Mitsui, Cegielski, STX, Doosan and Hyundai)

Maintenance and repair experience

Marine Service and Project Manager (Zeppelin Power Systems, Schaller Automation KG, Self employed)

Project Manager for Caterpillar/Mak diesel engines in Bremen, Service on vessels worldwide

Experience with the following diesel engines:

Europe: Caterpillar (Kiel), MAN (Augsburg und Dänemark), Wärtsila (Finnland), Cegielski (Polen)

Asia: Hyundai Heavy Industries, STX and Doosan (Korea)
China Shipbuilding & Offshore International Co., Ltd., Hudong Heavy Machinery Co., Ltd (China)

Budget and selling forecast

Business development USA/Europe/Asia

Project Manager new developments and field tests

Project Manager After Sales Service

Professional experience Service Manager (Sunseeker International Ltd./De Valk International)

Marine Service Manager in Brazil and Spain

Professional nuclear power plant experience (Eon, Vattenfall)

Planning and leading revisions

Starting systems after overhauling

Experience with classification societies Bureau Veritas, Germanischer Lloyd, De Noske Veritas and RINA

Starting emergency diesel powers stations after overhauling and revision

Controlling nuclear power station

Troubleshooting in nuclear power stations

Employment education

Comissioning/Documentation/Planing

- Mechanical and electrical function tests for the water, gas and fire alarm fighting systems
- Documentation function test and final tests (BFSM/Brandfallsteuermatrix)
- Planing and execution the function test and final tests with surveyors (DEKRA/VDS) and future power station owners
- Developing checklist for the function and final tests
- Weekly/daily meetings with the different suppliers to analyse the project progress
- Reporting to the management
- Monthly status meetings with the supplieres
- Time schedule for the whole project from starting to the last documentation
- Answering obstruction letters from the main suppliers
- Daily inspection in the plant to observe progress
- Supporting the suppliers to get ready in time
- PTW (Permission to work) evaluating and undersigning
- Safety instructions new working members
- 6 years safety drill in nuclar power stations in Germany

Experience worldwide in comissioning and projects also in Asia with Hyundai Heavy Industries, STX and Doosan (Korea) and China Shipbuilding & Offshore International Co., Ltd., Hudong Heavy Machinery Co., Ltd (China)

Frequent reporting and inspection and follow up reports and time schedules

Nuclear and fossil power experience. Tecnical start up from systems here cooling water, emergency generators and safety systems.

Revision experience and new building experience in nuclear and fossil power stations. Schedule planning in nuclear power stations. Fire fighting systems experience with Minimax and Total Walther, Bosch

Commissioning mecanical engineering. Responsible for teams up to 8 persons.

Experience with fire safety systems with the following main supplieres:

Since 1982 familiar with fire fighting systems from Total Walter, MINIMAX, Siemens and Bosch in the following areas: Merchant vessels, Nuclear and fossil power stations and special projects.

Planing, comissioning and documentation for the the following suppliers in this field:

- Minimax Germany: Fire fightings system water and gas and fire alarm central
- Bosch Fire Alarm Central
- Siemens Fire Alarm Central
- Total Walter

Languages skills:

German (Mother language)

Portuges (fluent)

Englisch (fluent)

Spanish (Basics)

Project experience especially in Europe/USA/Southamerica (Brazil)/China/Singapore

Working experience in foreign countries (worldwide)

Europe, USA, Canada, South America, Caribic, Asia, Australia and Africa

About me

Good overview about the marine and power market. Management experience. Self motivated with good technical skills and strong communication skills.

Salary

Depend from position, situation and country.

Daily Rate about 890 Euro (8-10 hours) plus tax without travelling, transport and living costs.

Christoph Hovenjürgen

August, 2020