



CURRICULUM VITAE

1.PERSONAL DETAILS

Name:	Piotr Grabiec
Address:	Króla Eryka Pomorskiego 7a/5 76-150 Darłowo
Date and place of Birth:	1982-09-16 Sławno
Nationality:	Polish
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Marital status:	single

2.EDUCATION

2008 – 2024	TQMsoft Academy, Trainings: The Japanese 5S Techniques, LEAN Manufacturing, Total Productive Maintenance (TPM) in practice, Root Cause Analysis (RCA), Process Failure Mode and Effect Analysis (PFMEA), Time Management and Delegating Tasks, Worktime Standardization, Computer Aided Worktime Standardization, KAIZEN – Continuous Improvement, Creative Methods of Problem Solving, Efficient Project Management including Risk Analysis, Single Minute Exchange of Die (SMED), Design of Experiment (DOE), Fault Tree Analysis (FTA), Value Stream Mapping (VSM), SIX SIGMA - Green Belt, APQP in the Wind Energy Industry, Effective communication and cooperation in a team. <u>Title:</u> Manufacturing Process Improvement Expert (2017), <u>Title:</u> Quality Management Expert (2018).
2006 – 2008	Poznań University of Technology, <u>faculty:</u> Mechanical Engineering, <u>specialization:</u> Construction and Automatization of Machinery. <u>Professional degree:</u> Master of Science Engineer (2008). My master's thesis "Determination of power of windmill for given shape of blade" has won the second prize in the Dean of Mechanical Engineering and Management Department's competition in academic year 2007/2008.
2002 – 2006	Engineering studies at the Maritime Academy in Szczecin, <u>faculty:</u> Marine Engineering, Mechanical Department, Mechanics and Machine Construction, <u>specialization:</u> Diagnostics and Maintenance of Marine Equipment; I was recognized as the best student of mechanical department in academic year 2005/2006. <u>Professional degree:</u> Marine Engineer (2006).
20.03.2003 – 25.05.2005	Navy Studies - Maritime University of Szczecin, Mechanical Department, <u>Military degree:</u> Marine Navy Cadet Mate.
1997 – 2002	Maritime Technical College in Darłowo – technician; <u>specialization:</u> Power Plants and Ship Support Mechanisms.

3. WORK EXPERIENCE

21.04.2024 – still	MPCC, m/v Seaboard Blue, container vessel, <u>2nd Engineer</u>, GRT 10585. I was responsible for dual fuel Main Engine MAN 8L51/60 DF (LNG). I served my job on world's first conversion of container ship to dual – fuel operation. I was responsible for safe operation during bunkering LNG in Miami. I was responsible for starting air compressors, working compressor, evaporator, combined boiler, provision compressors, fuel change – over, overhauling of pumps and all equipment. I was planning job for engine crew: oilers, engine cadet. Work area: Miami FL, Caribbean Sea, Guatemala, Honduras.
07.01.2024 – 11.02.2024	MPCC, m/v Seaboard Blue, container vessel, <u>Additional 2nd Engineer</u>, GRT 10585. Training on board during bunkering LNG in Miami. Training on board the ship during operation on diesel, HFO and gas/vapour operations on dual fuel Main Engine MAN 8L51/60 DF (LNG).
04.08.2023 – 02.12.2023	MPCC, m/v AS Alexandria, container vessel, <u>2nd Engineer</u>, GRT 21842. I was responsible for <u>two stroke Gearless Main Engine HYUNDAI MAN B&W 8S60 ME-C</u>, 18080 kW @ 105 rpm, (Electronic engine). I was responsible for scrubber system, starting air compressors, working compressor, evaporator, combined boiler, provision compressors, incinerator, fuel change – over, overhauling of pumps and all equipment. I was planning job for engine crew: 3/E, oilers, wiper, engine cadet. Work area: Gulf of Suez, Red Sea – war area, Bab al-Mandab Strait, Gulf of Aden,
07.01.2023 – 09.05.2023	MPCC, m/v AS Anita, container vessel, <u>2nd Engineer</u>, GRT 21842. I was responsible for <u>two stroke gearless Main Engine HYUNDAI MAN B&W 8S60 ME-C</u>, 18080 kW @ 105 rpm, (Electronic engine). I was responsible for scrubber system, starting air compressors, working compressor, evaporator, combined boiler, provision compressors, incinerator, fuel change – over, overhauling of pumps and all equipment. I was planning job for engine crew: 3/E, oilers, wiper, engine cadet. Work area: Adriatic Sea, Ionian Sea, The Mediterranean Sea, Aegean Sea, Marmara Sea.
05.12.2022 – 04.01.2023	MPCC, m/v HSL Porto, container vessel, <u>2nd Engineer</u>, GRT 25406, I was responsible for <u>two stroke gearless Main Engine MAN 7L70MC-C</u> 21770 kW@105 rpm with VIT system. Selling ship in Singapore. I was planning job for engine crew: 3/E, oilers, wiper, engine cadet. Work area: The Mediterranean Sea, Suez Canal, Red Sea, Gulf of Aden, Arabian Sea, Laccadive Sea, Andaman Sea, Malacca Strait.
13.04.2022 – 21.08.2022	MPCC, m/v HSL Porto, Container vessel, <u>2nd Engineer</u>, GRT 25406 I was responsible for two stroke gearless Main Engine MAN 7L70MC-C 21770 kW@105 rpm with VIT system. I was responsible for starting air compressors, working compressor, evaporator, combined boiler, provision compressors, incinerator, fuel change – over, overhauling of pumps and all equipment. I was planning job for engine crew: 3/E, oilers, wiper, engine cadet. Work area: West Africa – High Risk Area, Atlantic Ocean, The Mediterranean Sea.
05.05.2019 – 10.09.2021	Princess Cruise Lines USA + P&O Australia <u>m/s Coral Princess</u> <u>3RD Engineer</u> GRT 91627, Total output power 73000 kW, HV 11000V, Diesel - Electric, Main Engines - Wartsila 16V46C (2x16800 kW), 12V46F(14400kW) + Gas Turbine LM2500+ (25000 kW), Scrubbers, IPCO. Consistently conduct routine inspections to monitor, control, and troubleshoot

all engine machinery and equipment. Conduct and coordinate all assigned maintenance activities and accurate recording of work history through the computerized maintenance management system as laid down in the Company policies and procedures. Responsible for fuel change – over, bilge water discharges during watch. Maintenance with all machinery in Engine Room. Work area: USA (Alaska), Antarctic, North, Central & South America.

26.11.2018 – 02.03.2019

Princess Cruise Lines USA + P&O Australia
m/s Pacific Dawn 2nd Engineer GRT 70285,
Total output power 38880 kW, HV 6600V, **Diesel - Electric**, Main Engines
4x MAN B&W 8L58/64 9720 kW.
Leader of watch in full charge of entire watch with responsibilities for the safe and efficient operation of all machinery space.
Planning job using AMOS, SIM. Consistently monitors, controls and troubleshoots all engine machinery equipment while being on watch. Properly conducts and coordinates all assigned maintenance activities and accurate recording of work history through the computerized maintenance management system. Immediately reports all engine space machinery or equipment damage or malfunction to the First Engineer and raises work order per Company policies. Oil Record Book entries. Work area: Coral Sea, South Pacific Ocean, Australia, New Caledonia, Vanuatu, North Pacific Ocean.

06.10.2018 – 26.10.2018

Princess Cruise Lines USA + P&O Australia
m/s Star Princess 2nd Engineer GRT 108977, Total output power 63360kW, HV 11000V, **Diesel - Electric**, Main Engines Wartsila 16ZAU40S (4x11520 kW), 12ZAU40S (2x8640kW). Scrubbers, IPCO.
Familiarization with Company Rules and Policies. Oil Record Book entries. Work area: North America, Hawaii, Mexican Riviera.

26.07.2017 – 24.01.2018

Fred Olsen Cruise Lines: m/s Braemar, position: 3RD Engineer Senior,
Leader of Watch. In full charge of entire watch with responsibilities for the safe and efficient operation of all machinery space as directed by Chief Engineer and Company's Procedures. 4 x ME Wartsila 8R32E (4x3280 kW), 2 x DG Wartsila (2x 2220kW), 2 x DG Wartsila 4R32E (2x 1480 kW). Boiler Engineer - I was Responsible for 2 Evaporators SERCO COMO GmbH type MSF 200/6, 4 Exhaust Gas Boilers "Sunrod" and 2 Boilers "Sunrod" & "Alfa Laval". I participated in demolishing old Boiler "Sunrod" and building new Boiler "Alfa Laval Mission OS". I was responsible for planning job using AMOS system. During dry dock I was responsible for Economizers. I was reporting to 1st Engineer.
Work area: The North Sea, The Atlantic Ocean, Biscay Bay, The Mediterranean Sea, The Marmara Sea, The Aegean Sea, The Crete Sea, The Thracian Sea.

05.12.2016 – 06.06.2017

Carnival Cruise Line, USA: m/s Carnival Victory, total output power 63000kW position: 3RD Engineer, I was responsible for engine room operation, ballast installation, bilge, sludge, steam, fuel and lubrication installations, 6 engines **Diesel – Electric** GMT-SULZER ZAV12 40S x 2 pcs. GMT-SULZER ZAV16 40S x 4 pcs. I was responsible for operation hydraulic systems for CPP x 2 pcs, fin stabilizers, thrusters x 6, line shaft bearings including thrust bearings. I serviced lubricating oil separators Alfa Laval LOPX 709 SFD34 x 6 pcs. MDO fuel separators Alfa Laval MOPX 205 TGT-24 and Heavy Fuel Separators Alfa Laval FOPX 613 TFD20 x 6 pcs. I serviced evaporators SERCK COMO GmbH type MSF 625-6 x 3 pcs. I monitored HI – FOG system, Reverse Osmosis, Exhaust Gas Scrubbers during Heavy Fuel Oil burning. I was reporting to Second Engineer. Work area: Atlantic Ocean, Caribbean Sea.

17.10.2014 – 03.09.2016

AS Aasen Shipping, Norway: m/v Aasfjord,
position: 3RD Engineer, I was responsible for engine room operation, service of ballast, sludge system, service of fuel and lubrication installation of main engine. I was responsible for monitored parameters of diesel – electric generating set SISU

2 x 180 kW and main engine WÄRTSILÄ W6L32 3000kW. I serviced fuel separator Alfa Laval MMPX MGO, MDO, IFO 380. Overhaul and repair of main engine and auxiliary engines, pumps, fittings. I was reporting to Chief Engineer. Work area: North Europe.

- 04.08.2013 – 30.09.2014 AS Aasen Shipping, Norway: m/v Aasli,
position: 3RD Engineer, I was responsible for engine room operation, service of ballast system. I was responsible for monitored parameters of diesel – electric generating set and main engine MAK6Mu453C power output 2000 kW. I serviced fuel separator Westfalia MDO for main engine and fuel separator Alfa Laval MGO for diesel – electric generating SCANIA set, repair of main engine and auxiliary engines, pumps, fittings.
I was reporting to Chief Engineer. Work area: North Europe.
- 01.07.2010 – 03.08.2013 AS Aasen Shipping, Norway: m/v Aasli,
position: Motorman, I was responsible for service of ballast system, fuel separator Westfalia MDO for main engine MAK and fuel separator Alfa Laval MGO for diesel – electric generating SCANIA set.
I was reporting to Chief Engineer. Work area: North Europe.
- 01.01.2009 – 30.06.2010 “Military Motorization Works” Ltd. in Poznań:
position: Production Manager, I was responsible for production planning, and execution in terms of quality and time lines as well as production orders, supervision and reporting to Board of Directors. I was responsible for supervision and co-ordination of work for 70 subordinate workers in two departments. I was also responsible for cost analysis with the use of MRP software. My duty was to control production and repairs of armoured transporters and supervise servicing combat vehicles.
- 01.10.2008 – 31.12.2008 “Military Motorization Works” Ltd. in Poznań:
position: Production Chief, I was responsible for supervision and co-ordination of work for 70 subordinate workers in two departments. I was responsible for the introduction of Lean Manufacturing method in our department. Production planning and execution was my main duties. I used to reporting to Board of Directors.
- 07.03.2008 – 30.09.2008 “Military Motorization Works” Ltd. in Poznań:
position: Specialist of time consumption work norms; I was responsible for establishing norms of time consumption in production processes of combat vehicles with the use of the following methods: photography of working time, instantaneous observations, MTM.
- 21.08.2007 – 17.11.2007 Shipyard “Gryf Marine” Ltd. in Gryfino,
position: Production coordinator – I was responsible for designing the interiors of a luxurious yacht with the use of AUTOCAD 2D and 3D software and CAM software for CNC machines.
- 10.07.2007 – 18.08.2007 Hydro – Electric Power Station in Żydowo, Water - Power Plant Słupsk Ltd.,
I was employed as Mechanical Engineer, I supervised 3 water turbines – Francis type with the power output 156 MW.
- 06.11.2006 – 22.04.2007 Designer's Assistant in Design Office in Poznań,
with the use of AUTO CAD 2D and 3D I was responsible for designing of various installations of desulfurization exhaust gas in conventional power plants with the power output 1200MW. I also designed absorbers to fumes desulfurization, the technological flyovers – the pipelines, supports under pipelines and executed material calculations.

19.04.2006 – 21.10.2006	Shipyard “Nowa” Ltd. in Szczecin, position of the <u>Equipment fitter</u> I was responsible for fitting different kind of ships equipment such as water pumps ,oil and cooling installations. I assembled various equipment in engine room for newly built Con – Ro B201 ships including auxiliary engines, shaft generators, propeller shaft with CPP, rudders, compressors, HT< cooling system.
24.10.2005 – 18.11.2005	<u>Diagnostic Practice</u> – Power Station in „Dolna Odra”,
29.09.2005 – 21.10.2005	<u>Diagnostic Practice</u> – „Gryfia” Shipyard in Szczecin,
23.08.2004 – 17.09.2004	<u>Diagnostic Practice</u> – Car Repair - in Gościno,
25.08.2003 – 19.09.2003	<u>Shipyard apprenticeship</u> – „Gryfia” Shipyard in Szczecin,
1997 – 2002	<u>Apprenticeship</u> in Maritime College in Darłowo, Operations of Four Stroke Engines, lathe - machining, mill, forge, welding – arc, TIG, MIG&MAG, design office.
01.03.2000 – 31.03.2000	<u>Production Practice</u> in “H. Cegielski Poznań” in Engine Departments “W2” two stroke engines and “W9” four stroke engines.
18.09.2000 – 29.09.2000	
10.08.2000 – 14.08.2000	
04.10.1999 – 15.10.1999	International Engine room apprenticeship on m/t „F. Zubrzycki II”.
10.05.1999 – 21.05.1999	Engine & Deck Department.
15.03.1999 – 26.03.1999	

4. SKILLS AND ABILITIES

Maritime, STCW documents:

- **Chief Engineer Officer Certificate (UNLIMITED)** on Ships by Main Propulsion Machinery Power of 3000 kW and more
- **Chief Engineer Officer Certificate** on Ships by Main Propulsion Machinery Power of between 750 kW and 3000 kW
- **Second Engineer Officer Certificate (UNLIMITED)** on Ships by Main Propulsion Machinery Power of 3000 kW and more
- **English Endorsement of Second Engineer Officer Certificate (UNLIMITED)** on ships by main propulsion machinery power of 3000 kW and more – **UK MCA CEC** – Maritime & Coastguard Agency,
- Certificate of **Advanced Training on Ships Subject to the IGF Code** (15.04.2024),
- Certificate of Training in **Passenger Safety, Cargo Safety and Hull Integrity on ro-ro passenger ships** (08.04.2024),
- Certificate in Training in **Crisis Management and Human Behaviour** (04.04.2024),
- Certificate in Training in **Crowd Management** (03.04.2024),
- Certificate of Basic Safety Training in **Personal Survival Techniques** (26.03.2024),
- Certificate of Basic Safety Training in **Fire Prevention & Fire Fighting** (26.03.2024),
- Certificate of Basic Safety Training in **Elementary First Aid** (26.03.2024),
- Certificate of Basic Safety Training in **Personal Safety & Social Responsibilities** (26.03.2024),
- Certificate of Proficiency of **Fast Rescue Boat** (21.03.2024),
- Certificate of Proficiency in **Survival Craft and Rescue Boats Other Than Fast Rescue Boats** (19.03.2024),
- Certificate of Training in **Advanced Fire Fighting** (14.03.2024),
- Certificate of **Basic Training on Ships Subject to the IGF Code** (26.02.2024),
- Certificate of **Potable Water** CBT, Carnival Corporation (24.10.2020),
- Certificate of **Recreational Water Facilities** CBT, Carnival Corporation (23.10.2020),
- Certificate Antarctic Peninsula – The Most Southerly Latitude of 64 degrees 58 minutes South (30.01.2020),
- Certificate in Safety Training for **Personnel Providing Direct Service to Passengers in Passenger Spaces on board Passenger Ships** (06.09.2019 – valid indefinitely),
- Certificate of **Marine Shipboard Firefighting Extinguishment Practices**, Hagevig Regional Fire Training Center in Juneau, USA Alaska (13.07.2019),
- Marlins **Oily Water Separators** Course (20.06.2019)
- Certificate of **Exhaust Gas Cleaning System, Scrubbers** CSMART Center for Simulator Maritime Training, The Netherlands, Almere, (09.04.2019),
- **Engine Resource Management** – phase 2, CSMART Center for Simulator Maritime Training, The Netherlands – Almere (27.09.2019),
- **Human Element Leadership and Management at the Management Level**, CSMART Center for Simulator Maritime Training, The Netherlands – Almere (27.09.2019),
- Certificate of **Cybersecurity** , DiscoverU, Carnival Corporation (09.05.2019),

- Certificate of Supervisor & Manager Safety Responsibilities, DiscoverU, Carnival Corporation (11.05.2019),
- Certificate of Diesel Electric Propulsion, CSMART Center for Simulator Maritime Training, The Netherlands – Almere (23.11.2018),
- Certificate Ballast Water Management, DiscoverU, Carnival Corporation (23.10.2018),
- Certificate of Oil Record Book, Carnival Fleet Training Academy USA (21.10.2018)
- Certificate of Fuel Solution -Wilhelmsen (22.11.2017),
- Certificate of Water Treatment for Engine Cooling Systems - Wilhelmsen (02.11.2017),
- Certificate of Cleaning Solutions – Wilhelmsen (25.10.2017),
- Certificate of Water Treatment for Steam Boilers – Wilhelmsen (24.10.2017),
- Certificate of Training **High Voltage Training Management Level**, Marine Academy, Genova ITALY (19.05.2017),
- Certificate of Human Element Leadership and Management at the Operational Level, CSMART Center for Simulator Maritime Training, The Netherlands – Almere (05.05.2017),
- Certificate of Engine Resource Management, CSMART Center for Simulator Maritime Training, The Netherlands Almere (05.05.2017),
- Certificate of Technical Officers Environmental Assessment, CSMART Center for Simulator Maritime Training, The Netherlands – Almere (05.05.2017),
- Certificate of Training in operation and maintenance of power systems in excess of 1 kV, Officer's Training Center LTD Maritime Academy Gdynia, (30.09.2016),
- Certificate of Training in Engine Room Resource Management (09.05.2016),
- Certificate of Training in Medical First Aid (09.05.2016),
- Certificate of Proficiency in Security - Awareness (09.05.2016),
- Certificate of Proficiency for Seafarers with Designated Security Duties (09.05.2016),
- Certificate of Engine Room Team Management (28.06.2014),
- Certificate of Engine Room Simulator Training (26.06.2014),
- Certificate of Training Oil and Chemical Tanker Familiarization (05.06.2014),
- Certificate of Training in Liquefied Gas Tanker Familiarization (05.06.2014),
- Certificate of Training in Tanker Familiarization (29.06.2011),
- Certificate of Training in Crowd Management, Passenger Safety and Safety for Personnel Providing Direct Services to Passengers in Passenger Spaces on passenger ships other than ro-ro passenger ship (22.06.2011),
- Certificate of Training in Medical First Aid (09.05.2016),
- Fishing license 47/D/2011 (09.06.2011),
- Certificate of Training in Crowd Management, Passenger Safety and Safety for Personnel Providing Direct Services to Passengers in Passenger Spaces on ro-ro passenger ship (23.05.2011),
- Norwegian Seaman's Book , date of issue (14.06.2010),
- Motor Boat Helmsman (17.04.2002),
- Seaman's Book, national (28.03.2024 – 28.03.2034),
- Seaman's Book , Republic of Liberia (04.05.2022 – 04.05.2027).

Maritime, OFFSHORE documents

- BOSIET with HUET & CA-EBS (Basic Offshore Safety Induction & Emergency Training with Helicopter Underwater Escape Training & Compressed Air Emergency Breathing System) OPITO (16.02.2021),
- Escape Chute Training OPITO (16.02.2021),
- BI – DELTOID MEASUREMENT Certificate – Shoulder measurement for Helicopter OPITO (16.02.2021),
- Basic H2S Training OPITO (17.02.2021),
- MIST – Offshore Oil & Gas Industry Minimum Industry Safety Training OPITO (19.02.2021),

Wind

- Master thesis “Determination of power of windmill for given shape of blade”, (2008),
- APQP (Advanced Product Quality Planning) for Wind – the use of APQP in the Wind Energy Industry, TQMsoft Cracow (21.09.2021),

Medical Certificates

- International Medical Certificate for service at sea (2024 – 2026),

VISAS

- Canadian eTA Visa (10.10.2019 – 09.10.2024),
- Australian Maritime Crew Visa (11.04.2022 – 11.04.2025),
- USA Visa C1/D, B1/B2 (16.11.2016 – 16.11.2026),

PRODUCTION MANAGEMENT CERTIFICATES

- Certificate of Effective communication and cooperation in a team, TQMsoft Cracow (18.11.2022),
- SIX SIGMA – Green Belt, TQMsoft Cracow (19.04.2019),

- Certificate of Quality Management Expert, TQMsoft Cracow (20.04.2018),
- Certificate of VSM – Value Stream Mapping, TQMsoft Cracow (28.03.2018),
- Certificate of FTA – Fault Tree Analysis, TQMsoft Cracow (02.03.2018),
- Certificate of DOE - Design of Experiment, TQMsoft Cracow (12.01.2018),
- Certificate of SMED - Single Minute Exchange of Die, TQMsoft Cracow (19.12.2017),
- Manufacturing Process Improvement Expert, TQMsoft Academy, Cracow (12.06.2017),
- Certificate of Process Failure Mode and Effect Analysis (PFMEA), TQMsoft Cracow (02.06.2017),
- Certificate of Methods of Creative Problem Solving and their Practical Applications, TQMsoft Cracow (12.04.2017),
- Certificate of KAIZEN – Continuous Improvement TQMsoft Cracow (14.09.2016),
- Certificate of Efficient Project Management Including Risk Analysis TQMsoft Cracow (11.05.2016),
- Certificate of Root Causes Analysis TQMsoft Cracow (17.11.2015),
- Certificate of Total Productive Maintenance – TPM in practice TQMsoft Cracow (14.10.2014),
- Certificate of Time Management and Task Delegation Elements TQMsoft Cracow (28.02.2014),
- Certificate of LEAN Manufacturing TQMsoft Cracow (30.01.2014)
- Certificate of Japanese 5S Techniques TQMsoft Cracow (25.09.2012),
- Certificate of Completion Internal Audit Outsourcing of Quality and Management Systems PN-EN ISO 9001:2009 & AQAP 2110:2009 (30.03.2010),
- Certificate of Computer Standardization of Time of Work, TQMsoft Cracow (12.03.2008),
- Certificate of Standardization of Time of Work TQMsoft Cracow (11.03.2008),

Other

- Autodesk Certificate of Completion Auto CAD – 3D Modelling (30.03.2006),
- Certificate of Completion Officer Cadet - Ministry of National Defence (25.05.2005),
- Autodesk Certificate of Completion Auto CAD 2002 – 2D Modelling (14.04.2005),
- IT skills: World, Excel, Ms Office, Auto CAD 2D, 3D, IntelliCAD, Alfpro, Power Point, MRP system, AMOS.
- Driving license cat. B
- I learn fast, have good communicative skills and enjoy both individual and group work.

5. INTERNATIONAL CERTIFICATE OF VACCINATION (WHO)

- COVID-19 (2021), 2x Booster (2022),
- Flu (2020),
- Cholera (2018, 2019),
- Poliomyelitis, Diphtheria, Tetanus(2017),
- MMR – Measles, Mumps, Rubella (2016),
- Yellow Fever (2016),
- Hepatitis A+B (2016).

6. INTERESTS

- Marine engineering,
- Psychology,
- Chinese natural medicine,
- Sports – martial arts,
- Cooking,
- Chess,
- Travelling.

Yours faithfully
Piotr Grabiec