

Personal Information

Full name Peter James Herdzik
Date of birth 22nd July 1988
Current location and availability Warsaw (Poland), immediate start
Telephone number +48691453005
Email avitspecialist@gmail.com
Resume website <https://chiefengineer.eu>
Marital Status engaged
VISA US B1/B2, EU citizen
Languages English (fluent), Norwegian, Polish
Additional info no tattoos, non-smoker, 184 cm, 85 kg



Summary

Marine Chief Engineer Unlimited (Class 1 / STCW III/2) and savvy **AV / IT Engineer** with two MSc degrees in the field of **Electrical and Mechanical Engineering**. Proven longevity: 7 years on 292ft m/y Here Comes the Sun.

Over 12 years of combined professional experience:

- Class Society (DNV GL)
- Owner's representative and Chief Engineer during **yacht refits (AMELS Netherlands, MB92 La Ciotat, Barcelona, Cartagena, LMC Safe Harbor Fort Lauderdale, Safe Harbor Rybovich West Palm Beach)** and **build phase supervision (AMELS)**
- **Rotational Chief Engineer, Relief Chief Engineer, 2nd Engineer and AV/IT Engineer** during yacht operation, build phase and numerous refits.

Expert in marine cybersecurity: penetration testing and familiarity with standards related to cyber resilience of ships (UR E26, UR E27, NIS2).

Experience with build supervision, budgeting, writing operating procedures, best practices and SOWs. Able to read and verify electric, mechanical and hydraulic drawings. Proficient with AV/IT and navigation equipment including: **VSAT, Starlink, KNX, Crestron, Kerio, Cisco**.

With my expertise, calm and professional approach, **multidisciplinary knowledge**, and **eyes for details**, I assure that I will be the perfect match to secure Chief Engineer position on your yacht. Long-term assignments preferred.

Education and Training

Master of Engineering – Final Grade (A) Valedictorian

02.2012 – 06.2013

Gdynia Maritime University (Poland) | Faculty of Marine Engineering

Field of study: Mechanical Engineering and Machine Design | Specialization: Marine Propulsion Plant Operation 2

Master of Engineering – Final Grade (A)

02.2011 – 12.2012

Gdynia Maritime University (Poland) | Faculty of Marine Electrical Engineering

Field of study: Electrical Engineering | Specialization: Computer Control Systems

Bachelor of Engineering – Final Grade (A)

10.2007 – 02.2011

Gdynia Maritime University (Poland) | Faculty of Marine Electrical Engineering

Field of study: Electrical Engineering | Specialization: Computer Control Systems

Work Experience

Chief Engineer (Rotational)

01.2024 - current

Vessel name: m/y Turquoise | 55m (180ft) luxury mega yacht | Engines: 2 x CAT 3512 (2237kW) | Generators: 2 x CAT C9

- Working as Rotational Chief Engineer starting with successful Caribbean winter 2024 season
- Responsible for planning and execution of extensive **6-month** shipyard **refit** split between two shipyards **LMC Safe Harbor Fort Lauderdale** and **Safe Harbor Rybovich West Palm Beach** including **budgeting**, drawing approval, negotiating **SOW and change orders**, sourcing and supervising contractors, supervising safe execution of works, witnessing HATs, commissioning and sea trials
- day to day operation, maintenance and supervision of whole engineering department (team of 5 engineers), ordering spare parts, maintaining log book and maintenance system entries (**IDEA**), taking charge of watches, maintenance, troubleshooting and repairs of tenders, water sport toys, electrical, mechanical, hydraulic and electronic equipment such as **Marioff Hi-fog**, **CAT 3512** main engines and **C9** generators, **Magnus** power conditioners, **Hamann** Black Water Treatment, **Idromar** RO watermakers, water softeners and sterilizers, **Heinen and Hopman** HVAC, **Quantum** stabilizers and all AVIT related equipment on board (**Cisco**, **Starlink**, **Lutron**).

Relief Chief Engineer / 2nd Engineer / IT Engineer

01.2017 – 08.2023

Vessel name: m/y 'Here Comes The Sun'

Type of vessel: 89m (292 ft) luxury mega yacht | Type of engine: 2 x CAT 3516C (4700kW) | Generators: 4 x CAT C18

- Working as Relief Chief Engineer, IT and 2nd Engineer since 2016 including **build phase, operation and three refits (6, 8 and 70 weeks)**
- Supervising engineering personnel, maintaining log book and maintenance system (**IDEA**, **Pinpoint**) entries, taking charge of watches, maintenance, troubleshooting and repairs of tenders, water sport toys, electrical, mechanical and electronic equipment such as **Marioff Hi-fog**, **CAT 3516** main engines, **C9** and **C18** generators, **Magnus** power converters, **Kaeser** air compressors, **Hamann** Black Water Treatment, RO watermakers, water softeners and sterilizers, H&H HVAC, **Quantum** stabilizers, **Alukwa** and **Reisinger** doors

- Responsible for day to day operation, maintenance and remote supervision of navigational equipment (Cobham, **Furuno**, **NMEA**, Navbox, TowPro), Alarm and Power Management System (**Praxis**), and AV/IT related systems such as: CCTV, satellite TV and Internet (**VSAT**, **Starlink**), VoIP telephony (**Cisco** CME), GSM, 4G, VPN, virtual machines (**ESXi**, **VMware**), printers and print servers, active directory, Wi-Fi and access points, CISCO switches, **Veeam** backup and replication app, **Kerio**, programming repeaters and UHF Radios (ICom, Motorola, Capacity Plus), entertainment systems (**Crestron**, Soundweb, Jetstream, Kodi, **Plexus** TV, Kaleidescape, Apple TV, Sky, DirecTV, Technomate Free to Air), home automation (XXter, KNX Somfy), Pianodisc Piano

- Solely responsible for creating cybersecurity policies and procedures, disaster recovery plan, incident response, mapping all devices, penetration tests

Owners Representative / Commissioning Engineer

08.2016 – 01.2017

Vessel name: m/y 'Here Comes The Sun' | 83m luxury yacht | Engines: 2 x CAT 3516C (4700kW)

- Acting as Owner's Representative during FAT, commissioning and acceptance tests of majority of mechanical and IT related systems during build phase of 83 meter luxury yacht in Amels Shipyard (Vlissingen - Netherlands).

Approval Engineer

02.2014 – 12.2015

DNV GL – CRANES AND LIFTING OPERATIONS DEPARTMENT | Veritasveien 25, 4007 Stavanger (Norway)

-Design verification of hydraulic, electrical, power and control systems of offshore cranes, sub-sea winches, lifeboat stations and MOB davits for numerous rigs and FPSOs;

-Participating in factory and harbor acceptance tests FAT/HAT and offshore periodic/extraordinary examination of lifting appliances.

2nd Engineer/ 3rd Engineer/Engine Cadet

10.2013 – 01.2014

Vessel name: 'Heros'

03.2013 – 05.2013

Type of vessel: tug | Type of engine: 2 x CAT 3516B (2822kW)

08.2012 – 08.2012

-propulsion plant operation, maintenance and repairs of main engine, boiler, sensors, auxiliaries and winches;

-replacing filters; -testing insulation resistance; -works on deck

Engine Cadet

06.2012 – 08.2012

Vessel name: 'Centaur II' | Tug | Type of engine: 2 x CAT 3516B HD (2850kW)

Vessel name: s/v 'Dar Młodzieży' | Training sail vessel | Engines: 2 x Sulzer 8 AL20/24 (1500kW)

08.2011 – 09.2011

Vessel name: sbs 'Horyzont II' | Research vessel | Engines: Sulzer 8 S 20 (1280kW)

07.2010 – 08.2010

-operation, maintenance and repairs of auxiliaries and winches; -replacing filters; -testing insulation resistance;

-works on deck (painting, de-rusting, cleaning) -rope lashing

Trainee

08.2009 – 09.2009

Management Board of Gdynia Seaport | Department of Information Technology and Telecommunications

Kwiatkowskiego Street 60, 81-156 Gdynia (Poland)

- Installation, maintenance and repairs of computer hardware, servers and network (switches, routers, fibre optics, LAN cables)

Certificates and Licences

- Chief Engineer Unlimited CoC (STCW III/2) + Cayman Island Endorsement
- Certificate of Training in Engine Room Resource Management
- **High Voltage** - Certificate of Training in operation and maintenance of power systems in excess of 1kV
- Certificate of Training in Medical First Aid and Advance Fire Fighting
- Certificate of Proficiency in Survival Craft & Rescue Boat other than Fast Rescue Boats
- Certificate of Proficiency for seafarers with designated security awareness, Basic Safety Training Certificate
- ENG-1 / MLC 2006 Medical Certificate for service at sea (without restrictions)
- **Motorboat Skipper** Certificate (up to 18m in all sea waters), RYA Personal Watercraft Certificate of Proficiency and **driving licence**
- **PADI AOWD** (Advanced Open Water Diver) + Nitrox + Dry Suit licence

Knowledge, Experience and Skills

- Build phase and refits
- Good troubleshooting, problem solving and analytical skills
- Managing and supervising engineering crew
- Have an eye for detail
- Familiar with numerous international maritime standards and codes including SOLAS, ISM Code, STCW, NIS2, UR E26 and UR E27
- Ability to read, interpret and verify electric, mechanical and hydraulic drawings
- Proficient with cybersecurity of IT and OT systems, computer networks, home automation, control systems, virtual machines
- Experience with writing operating procedures and best practices
- Maintenance, troubleshooting and repairs of mechanical and IT equipment
- Familiar with intrinsic safe circuits (ATEX), NMEA communication system
- Marine Propulsion Plant and Ship Operation
- Project managing, negotiating SOWs, Budgeting, FAT/HAT acceptance tests and commissioning
- Certified drone (UAV) operator

Since I joined the yacht, it has been clearly apparent that Piotr possesses an outstanding range and level of engineering and AV/IT knowledge. His pride and passion in his work spill over to everyone he works with, and his patience with new/junior crew brings a calming influence that is dearly needed in this industry. Piotr demonstrates a well-structured and methodical approach to his work; his record keeping is excellent and his willingness to help troubleshoot onboard problems while at home on leave have been invaluable. I have no doubt whatsoever that Piotr will be successful in whatever path he chooses next. If that path is as Chief Engineer on a large motor yacht, then the engineering department on that yacht will be in safe hands. I hate to lose such an integral member of the Here Comes the Sun engineering team, but our loss is someone else's gain. I hope to work with Piotr in the future, and wish him every success in his future career.



Stuart Irving
Chief Engineer

Piotr showed incredible work ethic in his day-to-day duties and on charter. His IT knowledge is excellent and helps to operate latest systems on board. I would also employ him again immediately should the opportunity arise.



James Griffith
Captain

Piotr will carry every task to a high standard. He is also a great guy with great common sense. During operations he always shows highest professional standard and intelligent approach to solve the problems. He was an integral part of our team contributing to the success of the running of Here Comes the Sun.



Mirosław Dzieciaszek
Chief Engineer m/y Here Comes the Sun

Piotr Herdzik is very high educated person. His work efficiency compares to the highest standards. It is a pleasure to work with Piotr.



Pawel Adamiec
Chief Engineer m/y Here Comes the Sun

Piotr was a permanent member of the team engaged in numerous design verification and certification projects in DNV GL. During the last years of our cooperation Piotr showed excellent professional knowledge and ability to flexibly apply it to the current operational project task. He was an active team player focused on service quality, accuracy and deadlines taking sole decisions where relevant. Piotr can be highly recommended as a person interested in learning and developing, managing fast-changing environments and situations with success.



Valentyn Skudra
Cranes and lifting operations expert

Piotr is professionally competent and a quick learner. Piotr is positive, works good both in team and independently and are professionally competent. The work in DNV GL he has performed in a very good manner and he has received positive feedback from colleagues. We give him our best recommendations and wish him the best for the future.



Jørgen Husby
Group Leader, Cranes and Lifting Operations, Stavanger