

Erik Johansen

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Engineer

Meticulous, organised, clean and thoughtful.

B1 Level Spanish language, ongoing Spanish language study

Studied in Prague in preparation for Project Management Certification

Updated all engineering modules October 2020, including safety courses, waiting for date for oral exam for Y4

Completed High Voltage equipment and installations course

Engineering

- Six consecutive years training in proper engineering technique: machining, welding, fabrication and design; a solid base in engineering fundamentals and skills. This means I can design, maintain or repair all of the custom manufactured parts on yachts
- Years of general mechanical experience: rebuilding motorcycles at 14, automotive at 16, professional mechanic at 19. Worked with my father, an electrician, from a young age
- Studied civil engineering at Carrington Polytech: applied theoretical mechanics and fluid dynamics, points to consider when repairing or fabricating
- I have excellent admin, costing, auditing and project management skills
- Bachelor's Degree in Political Science, Philosophy and Business
- I've worked in Auckland, Vanuatu, New Caledonia, Cairns, Papua New Guinea, Bali, Indonesia, Singapore, Langkawi, Thailand, Palma, Cartagena, Valencia, Los Angeles, San Diego, Italy
- Excellent knowledge of local suppliers and locations in Palma
- Excellent relationships with contractors
- Excellent written skills for preparing manuals, procedures

Experience

SY Kokomo

58m Alloy Yachts, December 2019- April 2020: Palma

Assist engineer with the ten year survey, refit work, fabrication, maintenance

Relief engineer while on dock in STP

SY Bella Regazza

43m Vitters sloop, November 2019: Palma

Assist engineer with the end of the refit work, air conditioning, black and grey systems, thrusters, heads, electrical fault finding, rewiring, general maintainance

SY Asolare

47m Hodgdon Yachts sloop, November 2019: Palma

Rebuild generator after salt water ingress

SY Cavallo

43m Baltic sloop, March 2019- May 2019: Palma

Assist engineer with the end of the refit work, due to being previously engineer on this yacht

SY Palmira

45m Fitzroy sloop, ex Salperton October 2018- February 2019: Palma

Assist engineer with refit work, relief engineer while chief away:

Fabrication of new PP raw water and chilled loop manifolds to replace PVC, general servicing and maintenance.

SY Lyra

25m Wally sloop, December 2015 - July 2018: Palma, Vancouver

Plan for upgrades of present systems; remove existing, design build and install new systems, prepare for the racing and cruising season

Contact and manage contractors, plan works, devise and implement systems for an ongoing planned maintenance system, create planned maintenance system and handover document.

Continuously upgrade systems and equipment to improve sailing and racing performance, maintain systems, remove and replace keel for inspection. Improve systems on tenders and chase boats, deliver to Canada. Work in Vancouver two months converting from 220VAC to 110VAC, preparing boat for new environment

SY Cavallo

43m Baltic sloop, June - December 2015: Palma, Italy, Greece

Recovery from previous engineer; repair systems and maintain operational state for owners trip, recover yacht from a complete lack of maintenance, lack of systems, restore functionality and improve safety and reliability.

Plan and complete a refit for Palma 2015, supervise and lead engineering team of four, contact and manage contractors, arrange shipyard, plan works, plan future works, devise and implement systems for an ongoing planned maintenance system, create comprehensive handover document.

SY Thalia

48m Vitters ketch, Sept 2014- December 2014: Palma, Ibiza, St Tropez

Project manage a €1.1m refit over eight weeks, including sourcing, scheduling and liaising with approximately 30 contractors, preparing the yacht for a circumnavigation, and planning future works

Relief engineer for new owner, emergency control of propulsion, upgrade of variable pitch controls, refit planning and execution, crossing preparation and planning;

Mediterranean cruising, project manage Palma yard period and refit

SY Juliet

44m Royal Huisman ketch, Oct 6 2010- June 6 2012 : Auckland, Vanuatu, New Caledonia, Australia, Papua New Guinea, Indonesia, Bali, Singapore, Thailand, Maldives, Sri Lanka, Turkey

Generator AVRs, Air conditioning redesign, refrigeration, repair of hydraulically locked diesel engine, installation of fuel separator, removal of fuel bug, electrical fault finding (relay and PLC based), rebuild of watermaker, general plumbing, inventory management, guest entertainment, 4200nm delivery as deck cargo Sri Lanka - Turkey

New Zealand and Asia Pacific cruising, 17000 nm, hand steering 1200 nm

SY Andromeda La Dea

154' Perini Navi ketch, Nov 2006 - Oct 2007, Oct - December 2013: Auckland, Cairns, Palma

Extensive refit: new main engines, generators, recondition and install pumps, black/grey systems, air conditioning, compressors, air handlers, refrigeration systems, hydraulics, bilge and fire pumps, valves, water makers, evac, exhausts, washing machines, dryers, general engineering, fabrication

Delivery Auckland - Cairns, 2400 nm

SY Tamsen

52m Perini Navi ketch, Feb-March, Sept-Nov 2009: Auckland San Diego

General maintenance, inspect and service generators, raw water pumps, design and modify clean oil system, repair water and fuel leaks, reconditioning oil/water separator, service windlasses, sourcing parts and locating agents

MY Marlena

136' Trinity Sportsfisher, Jun-Aug 2004: Cartagena

Stern extension 3m, reconditioning pumps, wiring, skin fittings, racors, hatches, spray painting, hull alignment

MY Atlantic Goose

148' Tough Brothers, May 2004: Palma

Clean and service air handlers, engine room extraction, general maintenance

SY Anakena

132' Royal Huisman ketch, March-April 2003: Auckland

Electrical work, wiring, general maintenance, fabrication

SY Eclipse

106' Alloy Yachts sloop, Jan-Sept, 2001, Apr-Oct 2010: Auckland

Extensive refit. New generators, air conditioning, winches, interior and exterior respray, stainless polishing, general duties, deck work

Personal

Interests

I've played guitar and bass in a professional band for ten years; and have a band and music studio in Palma; gained a degree in politics, philosophy and commerce.

My interests professionally are project and refit management and systems efficiency, running, mountain biking and fitness.

General Skills

Mechanical	General
Alternators Engines petrol and diesel, two stroke Hydraulics and pneumatics Lathe or milling work Transmissions Pumps Welding electric or gas	Deck fittings Skin fittings Design and fabrication Small powerboat - 20 feet, 125 hp Car and light truck, motorcycle Forklift/excavator
Computer and Electrical	Administration
PLCs Computer setup and maintenance LAN setup Hardware and software installation Electrical equipment maintenance Wiring, lighting	Accounting Auditing Purchasing/costing Import/export Word processing/spreadsheets

Referees

Name and position	Email address
Mark O'Brien Engineer SY Kokomo 58m sloop +34 663 309 022	engineer@kokomo.com.au We had Erik working with us for most of our ten year special survey. He was great. He worked hard, and didn't take shortcuts, and actually improved all the machinery he worked on. He was reliable and always on time, and worked in an organised tidy manner. He is easy to get along with, and all of the crew liked him, quiet but also funny. I would reccomend him and am happy to chat if you have any questions.
Jonathan Allen Captain SY Juliet 44m Ketch +34 625 895 652	jonathan@yachtjuliet.com
John Zamir Captain SY Tamsen 53m ketch Andy Hardcastle Engineer SY Tamsen	jzamir@earthlink.net andyhardcastle@msn.com
Jonathon Wishart Captain SV Eclipse 34m sloop	wishmarine@bigpond.com