

# CURRICULUM VITAE



STEVE GILMOUR

2.2.62

## Personal Statement

I am a well qualified and experienced engineer and have worked in the field of general engineering in factories, scientific establishments, as a technician in the University context, in secondary teaching and most recently in the field of marine engineering. This last context reflects a life long interest and involvement with boats of all sorts and sizes.

I returned to New Zealand in 1999 after a period of working on off shore maxi yachts and started my own company specialising in the maintenance and refitting of large pleasure craft and racing yachts, and contracting my services as a charter skipper.

I find great satisfaction in the wide variety of work that a marine engineer must be competent to undertake in order to keep a yacht or motor vessel operating efficiently and safely in both coastal and off shore voyages. I have had wide experience in preparing vessels to the standards required for off shore sailing.

My skills enable me to complete not only typical engine and transmission work, but also plumbing maintenance and installation, pumping systems and electrical installations.

My work as a charter skipper on coastal and off shore voyages and my engineering training have given me an in depth understanding of what is required to keep a vessel operating safely. I am well able to solve problems as they occur.

My preference is for sailing vessels rather than motor vessels and I enjoy the competitive pressure of yacht racing. The racing experience has enabled me to increase my competence in the areas of sailing, tactics and navigation. I have also had wide experience of teaching others about sailing and had significant pleasure from skippering the well known maxi *Lion New Zealand*. I have enjoyed encouraging charter guests to get the most out of their opportunity. I am good at establishing rapport with crew and guests in charter work.

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## Professional Sailing and Marine Engineering Qualifications and Experience.

**2006**

Skipper *Longobarda*, project managing the refit of this famous racing yacht for corporate charter work. Currently in Andover, UK.

**1999-2006**

Self employed in own Marine Engineering business, maintaining local and international yachts and motor vessels. Specialist in hydraulic steering systems, engines, transmissions and drive lines. The business covers all aspects of marine maintenance and installation, including the management of a number of private and commercial craft.

Delivery of a number of boats for clients both local and international - Tahiti, Australia, Pacific Islands.

**2004-2006**

Charter Skipper on maxi *Lion New Zealand*

Responsible for engineering and supervision during refit and then charter skipper for regular charter voyages around coastal New Zealand and offshore islands. Skipper for Auckland-Suva race, Hamilton Island series and delivery back to New Zealand.

**1999**

Maxi One Design, Europe.

- Responsible for co-ordinating maintenance of eight one design maxi yachts in preparation for the 1999 Adecco world championship.
- Supervise nine employees including teaching French workers English and Engineering.
- Delivery skipper and co-race skipper of one yacht (Port Camargue, France to Schveningen, Holland).
- Skipper for sponsor days with Adecco clients.

**1998 -1998**

*Grace* (Swan 53), East Coast USA.

Skipper.; sole charge; sailing with owner and responsible for oversight and maintenance of boat.

- Delivery from Port Washington NY - Portland Maine - Newport Rhode Island - Port Washington NY.
- 2 weeks cruising Maine as far as Bar Harbour, Mt. Desert.
- Day sailing Long Island sound and New York harbour.
- Total maintenance of the vessel including all electronic, electrical and mechanical systems as well as rigging.
- Raced the boat in local cruising races.

**1998**

*Medallion* (J160), USA.

Helmsman / trimmer, Round Long Island race 98.

**1998**

Alexia Sailing Team (Reichel - Pugh ILC70) USA, Caribbean.

Engineer.

- Maintenance of winches, hydraulics, deck gear, running and standing rigging, engine and silette drive.
- Delivery crew from Fort Lauderdale - St. Martin - Antigua - Bermuda - Newport Rhode Island.
- Pitman Antigua race week 98.

**1997 - 1998**

*Bullrush* (Greg Elliot 12m), New Zealand.

Navigator /crew manager.

- Delivery Skipper Fiji - Auckland.
- Navigator Auckland to Fiji race.
- Tactician and mainsail trimmer for all coastal and harbour races.

1993-1996

*Second Nature* (Greg Elliot 1050), New Zealand, Bowman / navigator.



## **Other Professional Qualifications and Experience.**

**1993-1997**

Lynfield College, Auckland, NZ, Teacher.

- Provided secondary level education for 9-13 year olds.
- Subjects taught: Graphics, Design Technology, Mathematics, Automotive Engineering.
- Additional responsibilities for: PR1 administration and development of skills pathway programme; coach for male students field hockey team; administration of Link (Tertiary Introduction Courses).
- Additional professional development courses in workshop technology, technology education, management of disruptive children and teaching mathematics.

**1990-1991**

Dept of Scientific and Industrial Research, Auckland, NZ, Science Technician.

- Plant maintenance and design and development of specialised research equipment.
- Responsible for inspection and general maintenance of buildings and plant equipment.
- Provided design, development and construction of specialised research equipment for research scientists.
- Repaired scientific equipment including centrifuges, vacuum pumps, refrigeration units and freeze dryers.

**1989-1990**

Centurion Fuel Systems, British Columbia, Canada, Design Engineer.

- Development of the Cummins 400 NTC engine to use natural gas as an alternative fuel to diesel and further refinement of engine in working environment to optimise performance.
- Responsible for technical drawing of engine for subsequent parts manufacture.
- Responsible for sourcing suppliers and manufacturers within the USA and Canada.
- Provided staff training for installation of natural gas conversion equipment for all ranges of vehicles and liaison with interested parties in the Canadian Gas Industry.

**1988-1989**

University of Auckland, Vehicle and Fuel Research Unit, Mechanical Technician.

- Research into use of natural gas in vehicles. Responsibilities included preparation of test engines, dynamometer testing, characterisation of units and endurance testing.
- Designed conversion hardware, drawings, and supervised manufacture of engines.
- Installed and monitored data logging equipment in vehicles.
- Assisted students with research projects.

**1986**

Chester and Barclay, Auckland, NZ, Production Co-ordinator.

- Supervised production of tubular steel furniture, lecture theatre seats and benches.
- Responsible for ordering materials, customer liaison, costing of stock items, updating computer records and supervising staff.

**1985-1986**

Coated Wire Products (Fletcher Group), Auckland, NZ, Production Assistant.

- Production of high tensile aluminium coated steel wire.
- Responsibilities included operation of the production line, maintenance of furnaces, adjusting quality control equipment, maintaining levels of stock.

*1984-1985*

Fletcher Development and Construction, Fitter.

- Maintenance of tower cranes, mobile cranes and construction site equipment. Duties included routine maintenance of all equipment, rebuilding tower cranes between contracts and erecting and dismantling tower cranes.

*1981-1984*

Lees Industries, Auckland, NZ, Engineering Cadet.

- Manufacture and importation of lifting equipment and conversion of industrial motors for marine application in both domestic and export markets; maintenance and general service work.
  - Assembly of new marine conversions; development of kits for updating engines; adapting units for special applications; dyno testing engines and gearboxes for quality control; servicing engines and transmissions.
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## Summary of Qualifications.

- 2001: ILM Commercial Skippers Licence, NZ.
- 1999: Royal Yachting Association, UK;  
Ocean Yachtmaster with commercial endorsement.
- 1997: Royal New Zealand Coast Guard Federation;  
Ocean Yachtmaster.
- 1997: Adventure Medical Training Services Ltd;  
Coast Guard Marine Medic 3.
- 1988: Auckland Technical Institute New Zealand;  
New Zealand Certificate of Engineering.
- 1989: Carrington Technical Institute, Auckland, New Zealand;  
Alternative Fuels Installation Certificate.
- 1992: Auckland College of Education New Zealand;  
Diploma of Teaching.

Personal Interests and Activities: Diving, Fishing, Tramping, Travel, Yacht racing, History, Reading.

## Referees.

1. Mr. John Bull, Owner of the racing yacht Bullrush.  
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2. Mr. William Goodfellow, Sail NZ Ltd.  
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