

G. Neil Armstrong

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Over 20 years experience in yacht design construction. From initial implementation to commissioning, refit and commercial certification of various vessels ranging from 6m to 40m.

Professional Experience

Project Management

- responsible for overall construction of vessel
- ensure all vessels are in accordance with regulations of class of vessel
- liaise customer requirements to design team, floor foreman and sub-contractors
- review design revisions with head naval architect to ensure timely completion of project
- review manufacturing costs and mediate budget adjustments

Design Management

- responsible to liaise with project manager, design team and head naval architect
- ensure all working drawings are completed prior to stage of construction
- prepare scheduled construction reports
- coordinate with all sub-contractors on construction requirements and completion deadline
- review all weight analysis and calculation as required

Areas of Expertise

- Auto cad
- Microsoft excel
- Microsoft word
- Prosurf Nautilus
- Rhino 3d surface modeler
- Flamingo

Professional Achievements

Misty Bay Boatworks • Mississauga • Ontario, March 99 – Present

Owner / Operator

- Sub contract to design firms for design and development
- Professional services include project management and design assistance
- Full cad services ranging from auto cad working drawings, 3d modeling and renderings
- Vessels up to 40 m in length, commercial, military and pleasure
- Design parameters to comply with vessel standards for construction

Turner Yachts, St. Catherines, Ontario May 99 – Feb '00

- Custom Bill Tripp designed sail boats, 15-18m in advanced composites and manufacturing process

Composite construction and tooling dept.

Manufacture variety of custom parts and assemble between mechanical and structural phases

TJ Manufacturing, Oshawa, Ontario Nov 98-May 99

- Manufacture variety of plastic extrusions for the display industry

Plastic extrusion manufacturing and production

Help develop production efficiency in manufacturing process to increase overall profits

PDQ Yachts, Whitby, Ontario May 98-Nov 98

- Manufacture FRP production, semi custom trawlers and sailing cats 9 to 14 m

Research & Development ENG. Department

Developed and designed forced air, tank less water heater

Created nesting system and waste management process

Jarrett Bay Boatworks, Marshallberg, North Carolina March 97-April 98

- Manufacture custom luxury sport fishers, 15 to 18 m

Yard Crew

Oversaw the implementation of OSHA safety regulations and practices

Oversaw plant maintenance

Designed, refitted and repair various vessels

PDQ Yachts, Whitby, Ontario Jan 95-Feb 97

- Manufacture FRP production sailing cats 9 to 10 m

Boat assembler

Installed and ran electrical and mechanical systems in vessels

Canadian Armed Forces, Victoria, British Columbia Nov 88-Nov 94

- Canadian Armed Forces Navy, CFB Esquimalt

Engineering Dept.

Marine engineering technician

Engineering department writer, prepare maintenance reports and schedule maintenance

Education

Currently studying Yacht design at Westlawn Inst. Of Marine Technology, Mystic, Connecticut •

Marine Engineer Technician, Diploma, Canadian Armed forces Fleet School, 1988-1991

Memberships

- American Boating and Yacht Council
- Canadian Marine Manufacturing Association
- Westlawn Institute of Marine Technology

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