

Harwood Slipway Pty Ltd

T/A

Harwood Marine



On the Clarence River

ACN 063 918 310
ABN 57 063 918 310



MV Norfolk Guardian on Slip

162 -164 River Road, Harwood Island
(PO Box 96) NSW 2465
Tel: 02 6646 4222 Fax: 02 6646 4472
Email: sales@harwoodslipway.com.au
Website: www.harwoodslipway.com.au

August 2010

Harwood Marine

1. Organisation

Registered Business Name: Harwood Slipway Pty Ltd

Trading name: Harwood Marine

Subsidiary: Harwood Aluminium & Steel Boats Pty Ltd

Business Address: 162 –164 River Road East
(PO Box 96)
Harwood Island NSW, Australia 2465

Contact Details: Phone: + 61 (0) 2 6646 422
Fax: + 61 (2) 2 6646 4472
Email: sales@harwoodslipway.com.au
Website: www.harwoodslipway.com.au
www.harwoodmarine.com.au

Type of Business: Marine and industrial construction, design & custom fabrication of aluminium, steel & stainless steel vessels up to 80m

ABN: 57 063 918 310

ACN: 063 918 310

Commencement Date: 1994

Solicitor: Conroy & Stewart & Spagnolo
30 River Street
Maclean NSW 2464

Accountant: Malcolm Reid
Room 702
74 Pitt Street
Sydney NSW 2000

CONFIDENTIALITY STATEMENT

The information in this document is strictly confidential and is supplied on the understanding that it will be held confidentially and not disclosed to third parties without prior consent of Harwood Slipway Pty Ltd.

2. Key Personnel

Director – Malcolm Reid

Director - Ross Roberts

Director/ General Manager– Gio Cervella

Gio brings to the team over 25 years in marine engineering. He has supervised ship building & repair at shipyards in Asia, USA, Europe, & Australia. Recent accomplishments include; extension of the slipway to handle vessels up to 2,500 tonnes, construction of the 48m catamaran ferry, Nord Nederland & the 40m 3 level cruising ship restaurant, the Bella Vista.

Gio ensures Harwood Marine offers a high level of expertise to meet client needs, repair, maintenance, conversion & construction.

Project & Contract Management – Steve Bennett

Design engineer, member RINA. Past ten years as Naval Architectural Consultancy Design Manager & MSQ signatory for Survey Design & Safety. Senior Project manager on several multi million dollar catamarans & monohull builds Asia & Australia, 35-75m, GL & BV class. Currently managing Harwood Marine project scheduling, monitoring & reporting & manager of Harwood Marine Design.

Ship Construction Manager & Asia Area Manager, Cebu – Steve Ashcroft

Experienced ship builder in aluminium & steel , up to 100mts, high speed & work boats. Technical office manager Cebu, overseeing QA, procurement & project management, along with technical support & supervision. Experienced in dealing with Flag, Class & QA. Long time employee of FMBA in senior management, moved to Harwood Marine in 2009

Chief Marine Electrical - Steve Mackenzie

Chief Engineer- Neil Barnaby

Master Boat Builder - Greg Brown

Tradesmen: Qualified boilermakers, fitter and turners, welders, hydraulics, electrical, diesel, abrasive blasters, spray painters.

3. Background

Harwood Slipway Pty Ltd, trading as Harwood Marine, has over forty years experience in servicing the marine industry in Australia & the South Pacific. The management has cargo vessels trading in the South Pacific & has, in recent years expanded the business to include ship construction as well as repair & maintenance.

Easily accessible on the Clarence River, the 16 acre secure site has a 55m deepwater frontage. Harwood Marine provides high quality repair & maintenance work as well as vessel conversions. Harwood Marine also constructs new vessels.

Recently we completed a Wave Energy Converter for Oceanlinx Ltd.

Harwood Slipway Pty Ltd subsidiary, Harwood Aluminium & Steel Boats Pty Ltd is managed by Master Boat builder Greg Brown, well known for his successful high profile racing yacht winners such as Hammer of Queensland, Bobsled, Innkeeper etc.

Standards – Harwood Slipway is fully accredited with Germanischer Lloyd, & can also build to Lloyds & other classification societies as requested.

Harwood Slipway Pty Ltd is a member of the Australian Shipbuilders Association.

4. Location & Access

Harwood Marine is situated on the Clarence River at Harwood Island NSW, near Yamba. It is 270kms south of Brisbane & 660kms north of Sydney, & easily reached by road & sea. It is only 2 kms off the Pacific Highway & only 20 minutes drive from Yamba, which is a Port of First Entry.

The nearest airports are Ballina (1 hour drive) & Grafton (3/4 hour drive), both just 1 hours flight from Sydney & less from Brisbane. There is also a light aircraft landing strip across the river at Palmers Island.

The secure site is bordered by cane fields & the river.



Easily accessible on the Clarence River, 10kms west of Yamba, Harwood Slipway has 55m deepwater frontage.

5. Facilities

2,500 Tonne Slipway

The main slipway can accommodate vessels 85m x 18m with draft of 4.8, and DWT 2,500 tonnes.

200 Tonne Slipway

An additional slipway for smaller vessels.

55m Deepwater wharf

Enables transport by sea for constructions too large for road transport

The Main Engineering Workshop

Fully equipped for steel fabrication & machining, the workshop has a 10 tonne overhead crane, 22 tonne crane, forklifts & a cherry picker.

Aluminium Fabrication Workshop

18m x 30m workshop specialising in aluminium fabrication.



Blast & Paint Shed

Our new facility, with a Protoblast Chamber, high quality equipment & materials, ensures we offer the complete abrasive blasting and spray painting to luxury standards.

The Protoblast Chamber has a four rail system installed for high production. This enables work waiting to be blasted to be loaded on set of rails, while the work being blasted is carried by trolleys on the other rails.

The Blast Chamber system incorporates a very effective, abrasive separator, which cleans the used abrasive by mean of an airwash. This enables the abrasive to be recycled, providing a more cost effective & environmentally friendly operation.



6. Services

Aluminium & Steel Fabrication

The combination of a steel hull & aluminium superstructure provides strength & toughness below water as well as light strength above. Our expertise in aluminium & steel fabrication enables us to construct strong, light boats for racing, cruising & work purposes.



Abrasive blasting

We provide abrasive blasting for all marine repair work & general engineering. We also provide a mobile abrasive blasting service

The Blast Chamber system incorporates a very effective abrasive separator, which cleans the used abrasive by means of an airwash. This enables the abrasive to be recycled, providing a more cost effective & environmentally friendly operation.



Paint Application

Harwood Slipway provides paint application to luxury standards and is experienced in applications of Awlgrip, Jotun, Altex & International marine & industrial paint systems.



Electrical

Our certified marine electricians can service and install all major brands of generators, switchboards, navigational and communication equipment.



Tradesmen

Our proficient team of qualified tradesmen is able to fabricate & repair all aluminium, steel, & stainless steel to design requirements



Engineering

Our fully qualified engineers provide diesel engineering & hydraulic engineering services.

Volvo Penta & TwinDisc

We are dealers for the sale & service of Volvo Penta & TwinDisc

In House Design Capacity

Full time design team, architect, structural engineer, draftsman & 3D operator. We have a fully networked computer system with industry standards, software includes;- Autocad, Prologcad, Rhino, Maxsurf & Hydromax



7. Construction & Fit Out

We offer expertise in:-

- Aluminium, steel & stainless steel fabrication
- Abrasive blasting
- Paint application
- Marine electrical installation
- High quality diesel & hydraulics
- Fully equipped workshops
- GL Certification



We provide all internal fit out including:-

- Machinery
- Electrical & plumbing
- Galley
- Air conditioning, refrigeration systems
- Safety equipment
- Sound systems
- Warfare systems



Fit out of the Bella Vista



Delivering the Right Results

- We deliver the project on time, minimising down time for existing vessels & ensuring cost effectiveness for new vessels.
- Our location allows access for delivery by road or sea.

Repair & Maintenance



Quandamooka



Seascope



Faucon



Conversion & refit – Silver Star

8. Germanischer Lloyd Certification

Harwood Slipway Pty Ltd has GL Certification.

We also undertake repair work to both Lloyds & Bureau Veritas standards.

In 2007 HSE completed a \$2 million Lloyds Special Survey and Docking on the 2400 DWT vessel MV Norfolk Guardian.

9. Insurances

Harwood Slipway Pty Ltd has current:

- Ship Repairers Liability Insurance
- Builders Risk Insurance
- Public & Product Liability

10. O.H.S Standards

Harwood Slipway is fully compliant in all aspects of safety & O.H.S. standards.

10.1 EPA Licence

Harwood Slipway Pty Ltd is fully compliant with the Department of Environment & Conservation NSW requirements (Licence No10807)

11. Security

Harwood Slipway is situated on 116 acres, in cane fields, with 55 metres of deepwater frontage. It is approximately 2 kms from the village of Harwood. The property is fully fenced with security gate

12. Proven Expertise

Harwood Slipway Pty Ltd constructed the :-

- **Nord Nederland**, a 48m catamaran ferry, designed to transport trucks from port to port in Holland
- **The Bella Vista**, a 3 level restaurant cruising ship, catering for up to 750 pax & carrying 50 crew, was constructed, fitted out & delivered to Sydney in 2007.

Harwood Slipway is the preferred ship repairer for Stradbroke Ferries.

13. Future Development Capacity

Harwood Slipway Pty Ltd has positioned the company to enable future large capacity development & expansion, with the acquisition of a further 100 acres of adjoining deepwater frontage on the Clarence River.

The future concept for development & expansion is at this stage under consideration. There is a range of projects & opportunities presently available in the shipbuilding & construction industries.

Harwood Slipway is one of the last, underdeveloped industrial land sites with deepwater frontage, remaining in Australia.

This, together, with direct road, rail & sea access to the Australian East Coast transport network, provides a rare opportunity for long term future marine industry sustainability.



14. Shipping

Harwood Slipway has associations with Lord Howe Island Shipping Services Pty Ltd, & can arrange shipping on board their cargo vessels MV Norfolk Guardian 2400 DWT & MV Sitka 400DWT based, Nuku’Alofa, Tonga.



MV Norfolk Guardian

16. Summary of Benefits

Harwood Marine has the people, the knowledge & the skills.

You will benefit from:

- Our long-term involvement in the maritime industry in Australia, New Zealand, Papua New Guinea and the wider South Pacific region.
- Good working relationships with senior operational and administrative personnel in regional shipping companies and administrations.
- Global industry contacts.
- In-depth knowledge of the appropriate standards required for the safe operation of ships worldwide and specifically within the South Pacific Region, including statutory and class.
- Extensive ship repair, build and operation experience.
- Significant experience working with the Australian Maritime administration.
- Highly skilled & experienced workforce
- Ship construction and repair experience
- Slipway cradles 2,500 tonne capacity & 200 tonne.
- Excellent facilities & quality service.
- Timely & efficient delivery.
- Deep water 5 metre draft for vessels.
- Storage area of over 100 acres if required.
- Water access for oversize modules unable to use road transport.
- Central position on the east coast of Australia.
- 1 km direct access to the Pacific Highway.
- Our own ships 400 DWT and 2400 DWT for delivery of oversize cargo.
- Development potential of 100 acres to meet future requirements.
- Freehold ownership of site.
- Member of the Australian Ship Builders Association
- Germanischer Lloyd (GL) Class Accreditation & DNV Certification Quality Assurance ISO9001:2000.

15. Contact Details

Australia & New Zealand

Harwood Slipway Pty Ltd

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AUSTRALIA

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South East Asia

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