



# FORESHORE MARINE

PTY LTD

## *Capability Statement*

Port Hedland

Darwin

Maryborough

## Who we are:

Foreshore Marine was founded by director Yulio Spadina in 2000 as a marine and civil construction company specialising in marine piling and construction, marine foreshore development and civil design and/ or construct projects. It has offices in Darwin (NT), Port Hedland (WA) and Maryborough (QLD).

The director's backgrounds in major land and marine based construction allow them to utilise their prior experience and capabilities to deliver projects in a timely and safe manner while still delivering quality and best value.

With a long history of government, private and commercial projects, as well as a vast knowledge of engineering, construction and design combined with a fleet of barges, tugboats, piling equipment and civil construction plant; Foreshore Marine quickly became an established company that could undertake an entire project 'in house', minimising the need to outsource and maintaining control over the entire project with the associated speed, cost and quality dividends for the client!

Foreshore Marine is a specialist marine and civil construction company that thrives on complex marine projects and delivers outcomes that other companies find hard to match.

We maintain a close knit, specialist core workforce of multi-skilled personnel who work as a team with our company directors and senior project managers to help Foreshore Marine ensure that costs are kept down and projects are delivered to a high standard of quality, safely, on time and on budget.



## Our capabilities include:

- Design and construct wharfs, jetties, boat ramps and other marine and civil structures
- Demolition of marine structures
- Piling from 250mm to 1500mm in timber, steel, concrete or composite piles
- Soil anchor systems
- Mooring systems
- Fabrication
- Marine equipment design and fabrication
- Barge hire
- Tug hire
- Dredging
- Piling equipment hire
- Salvage
- Under water concrete form and finish
- Rock wall construction
- Consultation





## Current Projects:

### **BURNETT HEADS MARINA DEVELOPMENT**

270 pen marina including all dredging & construction works.  
Stage 1 under construction



### **MANLY HARBOUR CHANNEL ENTRANCE DREDGING**

Maintenance dredging of hard material within the entrance channel at Manly Boat Harbour Queensland, for Queensland Department of Transport & Main Roads.



## Recent Projects:

### **METRO MINING BAUXITE LOAD FACILITY**

Skardon River, remote Gulf of Carpentaria

The Bauxite Hills Project is a DSO bauxite project located in far north Queensland, owned by Metro Mining Ltd. The project involves mining DSO bauxite, trucking to the barge loading facility, loading Barges for transhipment to ocean going vessels in the Gulf of Carpentaria.

### **Scope of Work**

Foreshore Marine undertook the marine pile driving and installation of

- tidal monitoring station;
- cyclone moorings;
- material offloading facility (MOF) and;
- Barge loading facility (BLF).

The project was undertaken using Foreshore Marine's own in-house designed and fabricated "Backbone" barge-based piling rig, SDH62 Diesel Hammer in offshore leader and Foreshore Marine's "Zoomlion" 100t Crawler crane.

### **Location**

The Bauxite Hills Project is located at Skardon River in the Gulf of Carpentaria, approximately 95km North of Weipa in the far north region of Queensland.



# METRO MINING BAUXITE LOAD FACILITY Progress Photos



## **EDEN WOOD CHIP MILL WHARF**

Jews Bay, Eden NSW

In June 2016 a devastating storm hit the East Coast of Australia resulting in a 17m wave destroying the Allied Natural Woodchip Eden wharf.

The contract to demolish the remainder of the storm damaged existing ship loading facility and then design and construct a new wharf had critical time restraints and ANWE were desperate to find a contractor who would undertake such a massive task.

Foreshore Marine teamed with Australian Marine Associates to form AMC and with the combined knowledge of marine construction and engineering (provided by Foreshore Marine), and marine geotechnical surveying and environmental (provided by AMA), the contract was completed in time and on budget.

**From opening discussions with the client in July 2016 to a fully operational conveyor system in October 2016.**

The team worked against extreme weather conditions and critical deadlines to successful completion within three months.

### **Scope of Works:**

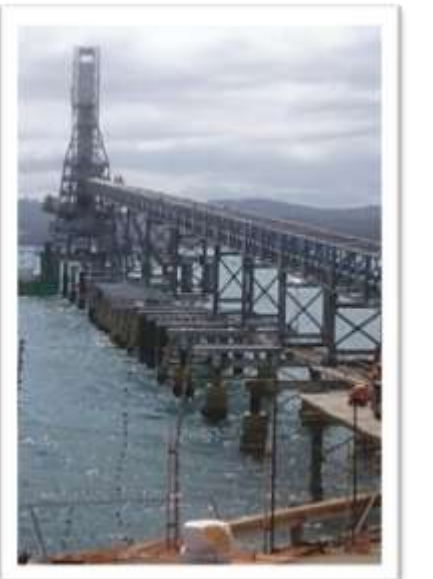
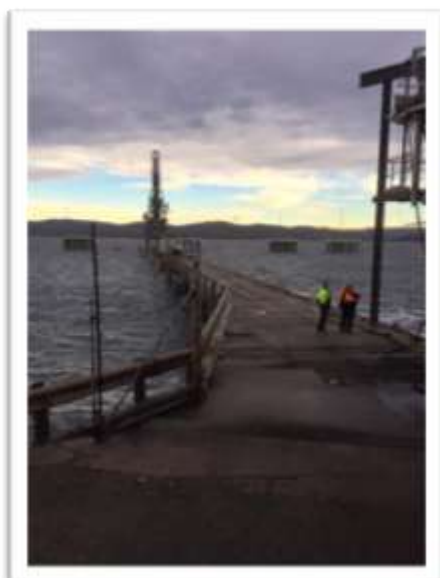
- Demolish and remove damaged wharf approach;
- Design a new wharf approach approximately 240m in length to suit the new 260m conveyor system;
- Cut existing piles off at bed level;
- Supply and re-drive larger diameter piles at 900mm diameter x up to 52 metres in length;
- Supply and install new concrete roadway consisting of prestressed super T's and concrete overlay;
- Lifting conveyor trestles into place;
- Lifting conveyor sections by crane mounted barge.





# EDEN WOOD CHIP WHARF, EDEN NSW

## Progress photos





## GLADSTONE PORTS CORPORATION Burnett River, Bundaberg QLD

### Flood Damaged Wharf Repairs

Gladstone Ports Corporation contracted Foreshore Marine to demolish an existing shipping dolphin. This task was completed using our vessel, IBIS II barge with 65 ton excavator mounted on deck and our baby tug WB29 for manoeuvring and accessing the structure.



## Francis Bay Multi Use Loading Facility Darwin NT

Foreshore Marine were called in as consultants to provide the safe and optimum methodology for the laying of the rail system on this government project.



## EDEN BREAKWATER WHARF Australasian Marine Associates Pty Ltd

### Snug Cove Eden, NSW

Foreshore Marine were contracted to supply our Jack Up Barge and crew for the geotechnical drilling exploration for the proposed cruise terminal. The Jack Up Barge was towed to site from Queensland by our tugboat Tawe, where it was fitted with a drilling rig and manoeuvred around the harbour.



## AUSTRALIAN SEAFOODS

### Burnett River, Bundaberg QLD

Foreshore Marine's barge IBIS II fitted with our 65 ton excavator was contracted to remove the existing piles and pontoons, for the commercial fishing boats and trawlers to berth. New piles were driven with Foreshore Marine's piling barge PLB1 and the pontoon structure replaced.



## FISHMAC WHARF

### Burnett River, Bundaberg QLD

#### Demolition, design and construction of retractable boat launching pontoon system.

The Fishmac loading wharf facility was destroyed during the 2010 floods. Foreshore Marine were contracted to demolish the remaining structure and fabricate a new, state of the art retractable pontoon and boat launching system, specifically designed to withstand floods. Successful design and construction became evident when the Burnett River reached its record heights in 2013 and this pontoon was the only remaining structure left in the river.





## MARYBOROUGH CITY COUNCIL

### Queens Wharf Structure

#### Mary River Maryborough QLD

As part of the Heritage Portside Precinct undertaken by the Maryborough City Council, Foreshore Marine were contracted to construct a public viewing wharf in the parklands.



## ELLIOT HEADS BOAT RAMP

### Elliot Heads Qld

Piling works at the Riverview Boat Ramp in the Elliot River, Qld.

#### SALVAGE OPERATIONS



## Burnett River, Bundaberg QLD

After the devastating 2013 floods, Foreshore Marine undertook a number of salvage operations of sunken vessels and structures. Using our barge PLB1 with mounted 25 ton crane, our team of four men salvaged a total of six vessels a shipping container and a pontoon structure.



## EWS Freemantle Wharf, WA

EWS contacted Foreshore Marine when they were having difficulties with a design concept to undertake difficult to access piling works and a tight time frame. Not only did Foreshore Marine consult over the phone, but they also designed a purpose built pile frame to tackle the job. This proved to be successful and the wharf was completed in time for the cruise ship's arrival. All this was achieved without any member of Foreshore Marine's team setting foot on site!





## Our Equipment includes:

### **"Mermaid Titan"**

14.3m Tug Workboat  
Twin Screw 800hp anchor handling



### **"Jack Up Barge"**

13m Triangular Jack Up Barge  
Able to work in water depths to 17m



### **"Workboat 29"**

10.5m tugboat  
Shallow draft perfect for rivers.



### **"PLB1"**

Piling Barge with 25T crane



### **"DB1"**

24m Hopper Barge  
Fitted with 30 ton longreach Excavator



### **"Ibis II"**

28m Hopper Barge  
Fitted with 65 ton longreach excavator



110 ton Komatsu Longreach Excavator  
Fitted with Trimble System



### **"Salt Creek"**

17m Ocean Going Tugboat (currently undergoing refit)



## Our Equipment includes:

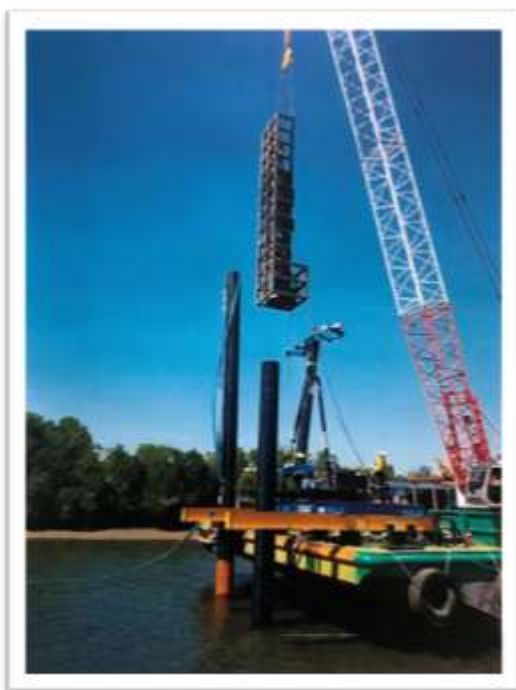
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- “DB2” Barge** - Hopper Barge  
30 ton long reach excavator
- “Beetle1”** - 4.8m workboat
- Franna Crane** - 14 ton lift capacity

### Piling Equipment

- “Backbone” Piling Rig with offshore Leader fully hydraulic
- 21m SPE Piling Frame
- 12m SPE Pile guide to suit pile up to 1.5m diameter
- SDH5 Diesel Hammer suitable for piles up to 2.5tons
- SDH12 Diesel Hammer suitable for piles up to 5 ton
- SDH36 Diesel Hammer suitable for piles up to 10 ton
- SDH62 Diesel Hammer suitable for piles up to 25 tons
- SV50 Piling vibrator - EMV Excavator Mounted Vibrator

**100 Ton Crawler Crane** - Zoomlion



## KEY PERSONNEL

### **Yulio Spadina**

Has over 20 years in the marine construction & pile driving industry both as a company director and senior project manager.

Prior to this period Yulio was the principal in commercial and civil construction projects which has led to an impressive both depth and breadth of capability across the range of construction disciplines.

With a number of large scale projects under his belt, Yulio approaches each job with the knowledge and understanding that is required to successfully complete the task at hand. He has a background in engineering and is multi skilled in a variety of aspects including pile driving, development, fabrication, consultation, design, construction, project management and civil works.

### **Chris Whitmee**

First began his career within the civil construction industry 22 years ago.

From this time on he has been involved in many projects which have developed his current substantial skill set of both practical and theoretical components of civil construction, ultimately resulting in his ability to successfully manage large scale complex project works.

Chris' initial hands on roles have allowed him to manage a team of employees with great knowledge on the scope of work followed by the compassion and drive all workforces require for successful outcomes.

The successful operation of his own civil business and successful completion of over \$150M of projects

### **Neal Guilmartin**

Has over 30 years of experience in remote area construction and project management, primarily as Principal, most recently (in the past 5 years) successfully completing over \$100M in the Pilbara region.

Although based in Port Hedland, Neal holds directorships and provides corporate governance to a large group of companies Australia wide with interests in marine, civil and commercial construction, tourism, media, hospitality and mining.

**INDUSTRY & BANKING REFERENCES – available on request**





## Contact

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