

**When your conditions
demand the best**



**Berkeley Class
Pilot Launch**


**Dongara
Marine**

Designed for safety & comfort

Developed to enhance safety and comfort for marine pilots, the Berkeley Class Pilot Launch design leverages the 40+ years of experience with high speed fishing, patrol and offshore crew boats that resides within Southerly Designs.

Cohesively coupled with the high quality, innovative workmanship within our shipyard, Dongara Marine construct this pilot launch with high open water speed, extreme stability, confirmed self-righting, high manoeuvrability, and seakeeping required to provide reliable, smooth, efficient and fast transits to ensure simple and safe pilot transfer.

Safety through precise handling

Twin keels, large rudders, central helm position with excellent vision for safe pilot transfer

Fast and Economical

Efficient hull with long waterline, lightweight structure, and highly efficient engines

Improved operability, safety and comfort

Hulls specifically designed for demanding conditions

Self-righting capability

Independently assessed and confirmed by Australian Maritime Safety Authority accredited surveyor





Removable wheelhouse

Our futuristic low-maintenance design incorporates a fully lightweight composite, resiliently mounted wheelhouse, enabling ease and simplicity for removal, and access to all major machinery

Internally the ergonomic layout offers the very best helm position for the crew and shock mitigating seating numbered to suit specific operational needs



Engineered for long term value

Equipment and systems with proven performance and reliability in demanding commercial marine applications



Large oversize side decks

By design the large open side and aft deck offers unparalleled safety, and can facilitate in pilot transfers via the stern in demanding conditions



Robust yet innovative

Proven aluminium hull with lightweight composite wheelhouse. Specially engineered polyethylene foam and HDPE tube fender system positioned for increased deck space



Fast & economical

Able to exceed 33 knots fully loaded, the Berkeley Class delivers the speed required to meet busy shipping schedules without sacrificing economy of operation.

Features that enable this high efficiency performance include:

- Long waterline length providing higher maximum efficiency speed
- Fine entry hull form optimised and refined over 100s of previous vessels



Work with ease

Stable and dry, the Berkeley Class provides a comfortable environment for multiple pilots and crew with a workplace that is enjoyable, easy and, above all, safe to use.

Features that contribute to high levels of habitability include:

- Resiliently mounted wheelhouse with very low noise and vibration levels
- Military specification shock-mitigating seats for pilots and crew
- Ergonomic dash with touchscreen navigation and systems control
- Dedicated planning station for pilots
- Spacious aft deck and cabin that enhance MOB and other functionality
- High quality interior fitout and finish

Specifications (18.5 metre)

Dongara Marine Pilot Launches range from 14 metres to 20 metres with our flagship being the 18.5 metre Berkeley Class.

Vessel Type	Pilot Vessel
Builder	Dongara Marine
Length Measured	18.5 M
Length O.A.	19.2 M
Beam Moulded	5.4 M
Beam O.a.	6.1 M
Draft (Approx.)	1.7 M

- Resin infused composite superstructure that reduces displacement
- Optimal engine position and weight distribution
- Main engines options with class leading fuel efficiency

Robust yet innovative construction

The Berkeley Class combines Southerly Designs' proven aluminium hulls, with the habitability, layout, and efficiency benefits of a resin infused composite wheelhouse.

The aluminium hull is:

- Robust and reliable in demanding commercial use as proven over many decades
- Easy to maintain and readily repairable in the event of damage
- Acoustically insulated to achieve very low noise levels
- Protected by an oversized engineered fender system, combining impact absorbent polyethylene foam and strong, abrasion resistant HDPE tube

The resin infused composite wheelhouse:

- Reduces weight for better stability and fuel economy
- Is durable and protected against corrosion
- Provides thermal insulation
- Enables near superyacht finish

The wheelhouse can be quickly and easily removed with minimal equipment, enabling:

- Location of engines and superstructure for best vessel balance, functionality, visibility, and personnel comfort
- A larger, safer aft deck
- Ease of machinery removal



Optimum safety & comfort



- Exemplary stability and seakeeping
- Lower motions and drier decks
- Maximum operability
- Safety and comfort of pilots and crews

Engineered for long term value & safety

As in all other areas, the engineering and equipment of the Berkeley Class are focussed on providing users with greater long term value and performance.

Examples of how this is achieved for clients include:

- Main equipment specified at heavy duty ratings thereby improving reliability, extending time between overhauls (TBO), and reducing maintenance costs and downtime
- Full height engine room for safe servicing
- Inclusion of a proven, European MOB recovery system
- Use of polished copper nickel piping throughout the sea water system to provide higher corrosion resistance

Enhanced personnel safety

Enhanced safety for pilots and crew is a fundamental driver of the Berkeley Class design.

Relevant features include:

- Self-righting in the event of capsizing
- Minimal motion and drier decks from outstanding seakeeping design
- Extra wide side decks with hand / tether rails systems for easy, safe movement
- Large aft deck with vessel control station and proven MOB recovery system
- Central helm position with clear line of sight to pilot transfer position
- Precise boat handling from full-size, pintle-hung rudders
- Twin keels enhance directional stability to maintain safe course and avoid broaching

Testimonials



“Dongara Marine worked extremely cooperatively to achieve our specific requirements. We would have no hesitation in going back to them for future projects.”

Captain Kim Lyons
Managing Director - Argonaut Marine Group



“It’s an extremely high quality build and finish throughout, certainly well beyond what you expect to find in a work boat.”

Matt Wardle
Managing Director - HSA Marine



“After using ‘Berkeley’ for over a year, and undertaking a detailed financial and operational analysis of it and other options, it was clear to us that the Berkeley Class was the best pilot boat available on the market.”

Captain Greg Tonnison
Marine Pilot and Managing Director - Fremantle Pilots



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