



GRAHAME A. PARKER
B.E.(NAV ARCH); DIP MECH ENG

GPD Australia Pty Ltd

COMPANY PROFILE



January 2011



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Naval Architects

ABN 132 122 458 048

- 160 Pittwater road Manly 2095 NSW AUSTRALIA
- Mobile : 0403 009935
- Email : gap1006@gmail.com

Grahame A. Parker Managing Director, Naval Architect

Date of Birth 25th April 1953

Nationality Australian & UK Citizen

Qualifications Bachelor of Engineering in Naval Architecture – B.E. (Nav Arch)
University of New South Wales 1981

Diploma of Engineering in Mechanical Engineering – Dip.Mech Eng.
Royal Melbourne Institute of Technology 1979

History :

- 1982 – 85 Company Naval Architect for ASD Marine, Queensland.
Design and drafting of steel and aluminium vessels up to 35 m in length and speeds of up to 20 knots.
Design Consultant for Norman R Wright & Sons, Queensland.
Teacher for the Naval Architecture Course at the Ithaca College of TAFE, Brisbane, Queensland.
- 1985 – 89 Naval Architect with International Catamarans, Sydney, NSW
Company Design Manager 1987 – 89.
Structural Design of new high speed Catamaran ferries.
Project Manager for high speed catamarans operating in Australia, England, New Zealand, Europe and Kuwait
- 1989 – 2006 Company Director and Consultant Naval Architect with Clever People Pty Ltd.
Commercial vessel designs to 43 m and 1000 passengers.
General Consultancy.
- 2007 - Company Director GPD Australia Pty Ltd
Consulting Naval Architect

Since 1989 this company has designed, built and commissioned a total of 32 Low Wash Ferries for operation in restricted and sensitive Waterways within Australia. The total cost of construction for these vessels alone exceeds A \$80m.

These innovative designs date back to Sydney Ferries in 1989, commissioning seven 250 passenger 37m Rivercats. All these vessels are still operating successfully today on Sydney Harbour.

In 1995 Matilda Cruises commissioned three new 25m 140 passenger low wash tourist vessels running out of Darling Harbour, Sydney. Built entirely from GRP Epoxy Composite, these vessels provide for excellent Harbour foreshore viewing, with open fore and aft decks and spacious interior appointments including a small cafe.

The company then went on to win the Australia wide tender for Brisbane City Council's new CityCat fleet in 1996. To date there are eight of the original designs still operating, with ten of the newer design generation II and generation III vessels joining the fleet. Total fleet numbers currently stand at 18, with one more vessel still under construction. Both the service and the vessels have been spectacularly successful.

A pair of 27m Harbourcats were commissioned by Sydney Ferries in 1997, and were successfully trialled and delivered in 1998.

In 1999 the Company won the internationally wide tender for Sydney Ferries new Low Wash vessels, the SuperCats. The first of these 24knot, 34m 250 passenger Catamarans was launched in 2000, with the fourth and final boat commissioning in 2002.

In 2006 a new shallow draft 19m Catamaran was commissioned for Coorong Cruises, which commenced operating a new 5 day tourist service along the Murray River from South Australia into NSW.

In addition to the above Low Wash Ferries, many other commercial designs have been launched – one of the latest being the 43m 600 tonne 1000 passenger monohull Starship Sydney, for which the company was responsible for the complete structural design, powering and naval architecture.

Other designs include:

- **8 m monohull Workboats**, Owned and operated by Tassal Limited, a Tasmanian Company specialising in the breeding and exporting of North Atlantic Salmon. Constructed in marine grade aluminium. Six vessels launched between August 1993 and June 1994.
- **16 m Catamaran Charter Vessel**, Owned and operated by Haley Epstein, Sydney. Passenger Capacity 40 Offshore Class 1C /60 Inshore Class 1D
Construction in marine grade aluminium, launched in April 1994.



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- **49 m, 600 passenger pontoon** for the Great Barrier Reef, complete with large viewing chamber. Owned by Fantasea Cruises, Airlie Beach, Queensland. Constructed in steel. Launched in December 1992.
- Queensland Survey Class 1E
- **14 m, 49 passenger Coral Viewing Submarine**, Owned and operated by Fantasea Cruises, Airlie Beach, Queensland. Construction in marine grade aluminium. Launched in July 1993.
- **16 m twin screw work barge**. Owned by HWD, Sydney and fitted with 2 x hydraulic cranes and hydraulic bow ramps. Steel construction. Vessel launched February 1991
NSW Waterways Survey Workboat Inshore and Offshore, Classes 2D/2C
- **16 m twin screw work barge**, Owned by Bluewater Barges, Sydney. Fitted with hydraulic crane. Steel construction. Vessel launched June 1989, in NSW Waterways Survey Class 2E
- **15 m Sailing Catamaran for charter work**, operating out of, Cairns, North Qld Passenger Capacity 60; 2 crew, 15 knots. Steel construction, Queensland Survey Class 1C
- **21m Solar Powered Catamaran**, Operating out of Sydney Harbour. Passenger Capacity 100; 2 crew, 5 knots under solar – 10 knots cruise with 2 x 50 HP, Composite GRP construction. Vessel launched in May 1999. NSW Waterways Survey Class 2D
- **24m Passenger Catamaran**, Operating out of Cairns, Nth Qld. Passenger Capacity 100; 3 crew, 24 knots with 2 x 440 HP. Epoxy composite construction
Vessel launched in September 1998. Queensland Survey Class 1C
- **24m Dive Catamaran for charter work**, Operating out of Port Douglas, Qld. Passenger Capacity 100; 7 crew, 25 knots cruise with 2 x 600 HP.
Aluminium construction. Vessel launched in September 1999. Queensland Survey Class 1C
- **19m Dive Catamaran for overnight charter**, Operating out of Port Douglas, Qld. Passenger Capacity 12/40; 4 crew, 22 knots cruise with 2 x 400 HP. Aluminium construction, launched in January 2002. Queensland Survey Class 1B/1C
- **25m Sailing Catamaran for charter work**, operating out of, Cairns, North Qld Passenger Capacity 100; 10 crew, 15 knots. Composite GRP construction
Vessel launched in August 2003.
Queensland Survey Class 1C
- **18.7 m Murray River Catamaran** , Operating out of Goolwah, SA. Passenger Capacity 36; 3 crew, 21 knots cruise with 2 x 255 HP. GRP Composite construction, Survey Class 1D/1E



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- ***43m Cruise Vessel***, Operating out of Sydney. Passenger Capacity 1000 with 30 crew, Steel construction. Vessel launched in August 2007.
NSW Maritime Survey Class 1E
- ***13m Passenger Catamaran for Bermuda***, USA. Passenger Capacity 49; 3 crew, 25 knots. Composite GRP construction
Vessel launched in May 2008.
USCG Survey.
- ***24m 100 Passenger Catamarans for the Hong Kong Jockey Club***, HK. Passenger Capacity 100; 3 crew, 16 knots service speed. Composite GRP construction in ZhuHai, China in 2009 - 2011
First Vessel launched in 2010.
Four vessel in total.
Hong Kong Marine Department Survey for HK Coastal Waters.