

Spring 2016

# MARINE 'TORQUE TALK'

What's happening on  
the water from ...

## VOLVO PENTA

## New D8 Marine Engine Expands Volvo Penta Range

**With the release of its new D8 engine, available for both IPS and inboard shaft applications, Volvo Penta can now offer an even broader selection of power systems.**

Volvo Penta's diesel engines have long offered world-class power and torque, combined with reduced noise and superior handling, making them the ideal choice for a wide variety of demanding boaters. The new D8 meets growing demand for an engine with 550-600 horsepower, and by extending the range Volvo Penta offers greater flexibility and choice.

### **Better onboard experience**

The robust design of Volvo Penta's diesel engines means minimal vibration and low noise levels. This is enabled by the latest common rail technology. Meanwhile the engine's wide rpm range delivers smooth handling during both acceleration and cruising. The result is enhanced onboard comfort.

### **High performance, low fuel consumption**

In line with Volvo Penta's other diesel engines, which have helped establish Volvo Penta as a world-leader in complete power systems for marine applications, the D8 offers Volvo Penta's trademark torque and excellent power to weight ratio. High torque at low rpm results in rapid acceleration and enhanced manoeuvring power. At high rpm, the full-throttle torque ensures efficient cruising speed in all conditions.

Fuel efficiency and low emissions – also hallmarks of Volvo Penta's engines – have been further improved with the D8 engine, thanks to modern engine technology.

### **Exceptional manoeuvrability**

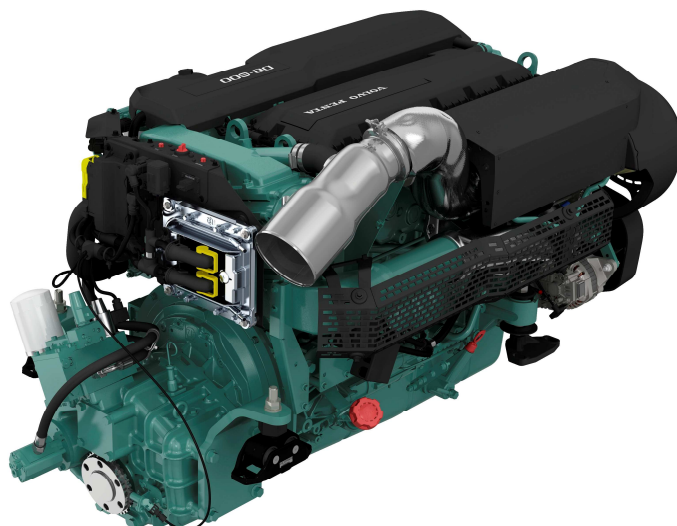
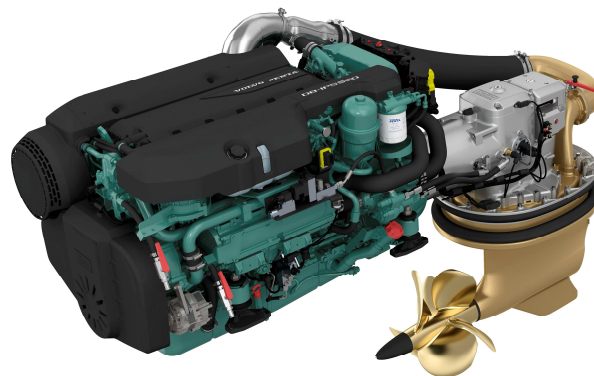
Both the D8 with IPS and D8 Inboard are complete high performance power systems that can offer simple and intuitive manoeuvrability thanks to Volvo Penta's joystick technology. IPS comes equipped with joystick control, while Volvo Penta's Joystick Inboard is an optional extra with D8 Inboard. In both instances, each system can offer precise and responsive steering, making even complex manoeuvres such as docking possible with the touch of a fingertip.

"For over a decade, we have led the boating industry when it comes to joystick manoeuvring – a position that has been reinforced with D8 with IPS and D8 Inboard," says Fredrik Celander, Product Management for Marine Leisure, Volvo Penta. "In fact both packages offer the best manoeuvrability on the market in their respective applications."

### **Optional extras for easy boating**

D8 with IPS and D8 Inboard are available with a number of options that can further enhance the ease and safety of boating. These include Volvo Penta's Interceptor System, which can handle all trim adjustments at the push of a button; and Volvo Penta's Glass Cockpit System, the fully integrated control and monitoring system.

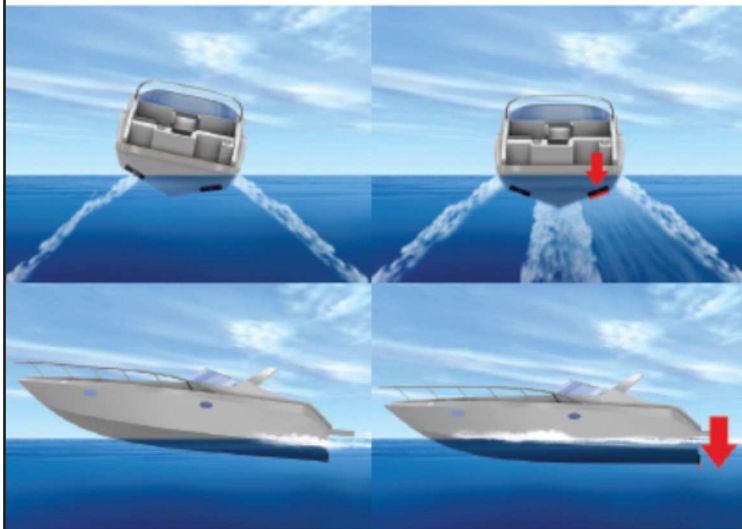
"Our driving philosophy, and aspiration in everything we do, is 'easy boating'," says Stefan Carlsson, head of Volvo Penta's Marine Diesel segment. "The new D8 power systems are no exception and extend the benefits of 'easy boating' to an even broader range of boats."



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## FU'A II



FU'A II is a 9 metre White Pointer, Custom Cruiser operating as a private game fishing vessel in Samoa.

Vessel reliability is paramount in Samoa as it is a harsh environment and no Coast Guard exists. You need to be self-sufficient and have equipment of the highest quality that is maintained to the highest standard.

The vessel was initially set up with a Volvo Penta D6-310 engine in 2004. The customer was lucky enough to get the first D6-310 available in NZ which had EVC (Electronic Vessel Control) resulting in powerful torque combined with high output and low exhaust and noise emissions.

In 2016 the decision was made to repower the vessel as the owner wanted a new generation engine.

John Booker from Pacific Coast Marine was consulted over the repower. He recommended a Volvo Penta D6-330 engine as they are a strong and robust engine designed for light duty commercial use.

The new engine performance is the similar to the old engine performance, giving a top speed 35 knots and a cruising speed of 20 - 30 knots.

The client was surprised at how much quieter the new engine is and he is enjoying the peace of mind of having new equipment.

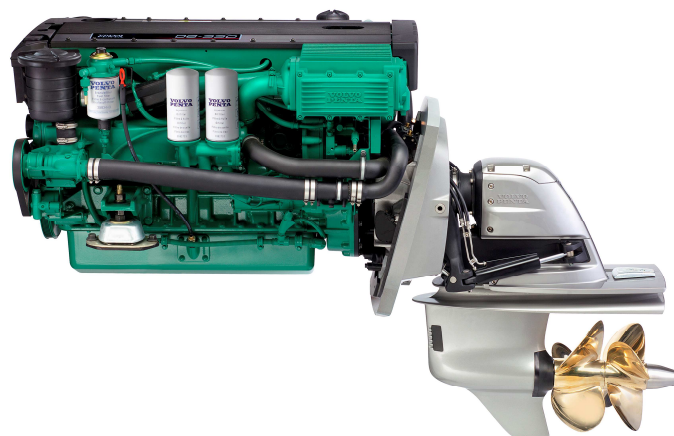
The D6-310 engine that was removed has been shipped back to New Zealand and is for sale. Please contact John Booker, at Pacific Coast Marine for further information.

Boat builder: White Pointer, Custom Cruiser

Engine: Volvo Penta D6-330

LOA: 9.3 mtr

Beam : 2.9 mtr



John Booker  
Pacific Coast Marine & Diesel Ltd  
29 Bryce Street  
Whitianga  
Tel: 07 866 0551  
Fax: 07 866 0558  
Cell: 021 722 633



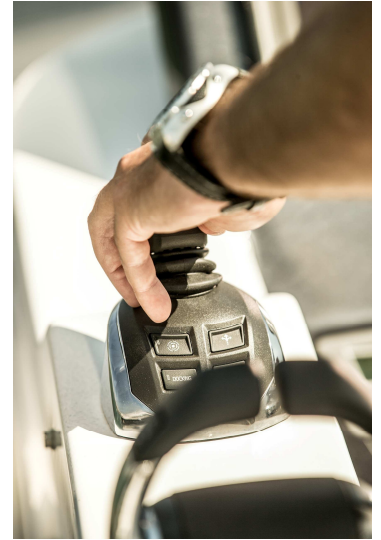
# Volvo Penta's Pioneering Joystick Control Now Available For Shaft Drive Boats

In 2006, Volvo Penta was the first to introduce joystick technology for leisure boating, and has been a pioneer in the industry ever since. With the new **Joystick Inboard**, Volvo Penta can now offer the best manoeuvrability on the market for twin inboard shaft applications too.

Volvo Penta's first joystick, introduced shortly after the launch of IPS, heralded a new era in easy boating. All of a sudden, difficult and complicated manoeuvres such as docking became simple and straightforward. Over the past decade, Volvo Penta has continued to develop and expand its joysticks functions and capabilities for both IPS and sterndrive applications. Now, with **Joystick Inboard**, the benefits of Volvo Penta's joystick technology are extended to inboard applications too.

## Superior manoeuvrability – the best docking system for shaft installations

For over a decade Volvo Penta's Joystick Docking – a standard feature of the new **Joystick Inboard** – has transformed docking and close-quarter manoeuvring into a simple process. Instead of performing complicated shift, throttle and steering wheel combinations, drivers can just move the joystick in the desired direction and the boat will respond accordingly.



“For many, docking is the most stressful part of boating – but the **Joystick Inboard** just takes all the stress away,” says Anders Thorin, Volvo Penta's Electronics Project Planning Manager. “In fact **Joystick Inboard** is the market leading joystick solution for twin inboard shaft installations with a patented function for docking manoeuvring. It is so simple and intuitive that a child can do it.”

Joystick Driving and Autopilot – also standard features of **Joystick Inboard** – ensure the same precision and manoeuvrability when steering out at sea. With **Joystick Inboard**, it is possible to steer with one hand, at any speed, with perfect response and minimal effort. Combined with Autopilot, driving a boat has never been easier.



## First Fully Integrated System

**Joystick Inboard** is the most sophisticated complete system on the market for inboard applications that includes all five steering components: thrusters, rudders, gear, slip and throttle. The **Joystick Inboard** system automatically calculates balance between rudder angles and thrust from the main engines and bow thruster, to match each specific boat's characteristics. This patented functionality ensures smoothness and precision in every situation, and the result is better manoeuvrability than any other inboard joystick.

“Volvo Penta has long been a leader in joystick control, and the **Joystick Inboard** reaffirms that position,” says Anders Thorin. “Since it is one of the very few systems that features integrated rudders, no one else can offer the same level of manoeuvrability.”

## Easy Boating

**Joystick Inboard** has been developed in accordance with Volvo Penta's philosophy of 'easy boating', which is the driving force behind all of Volvo Penta's product innovations. The goal is to make owning and operating a boat as easy as possible.

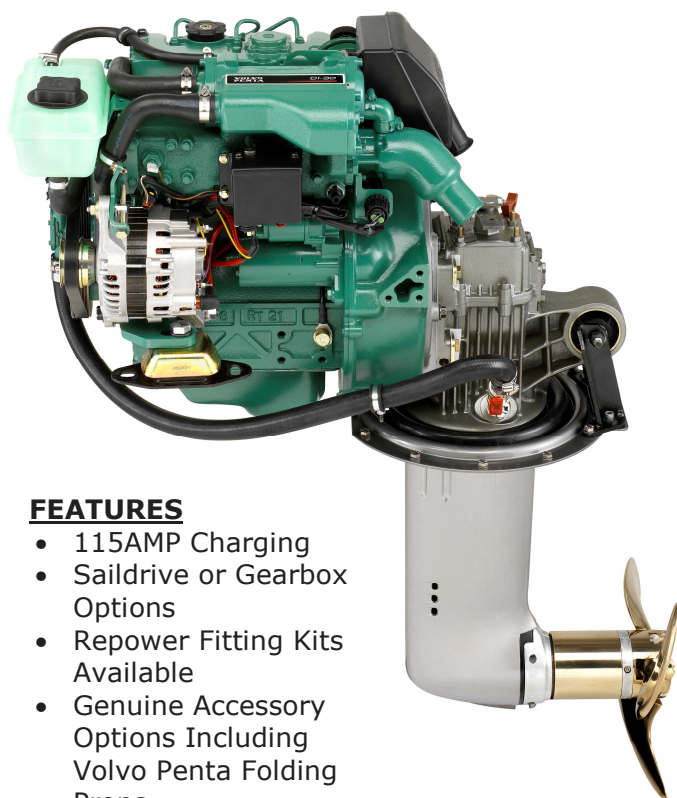
“For us, the idea of 'easy boating' started with the first joystick in 2006, and ever since we've endeavoured to make boating simpler,” says Stefan Carlsson, head of Volvo Penta's Marine Diesel segment. “The **Joystick Inboard** is another step in this process, and brings the benefits of 'easy boating' to an even broader range of boats.”

# **VOLVO PENTA**

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#### **\* CONDITIONS**

- Leisure Use Only
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- Applies to NZ & Pacific Islands only
- Standard Volvo Penta Limited Warranty Conditions and Extended Coverage Conditions Apply (Policy Statements Available)

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## **VOLPOWER MARINE DEALER CONFERENCE**



Volpower held their Marine Dealer Conference from 8th to 9th September on board the Hauraki Blue Cruises Charter boat, a four level cruise catamaran which cruised around the Hauraki Gulf Islands.



After the presentations had been completed on Thursday afternoon the Conference attendees were transported to Waiheke Island where they were able to partake in various activities at "Wild On Waiheke".



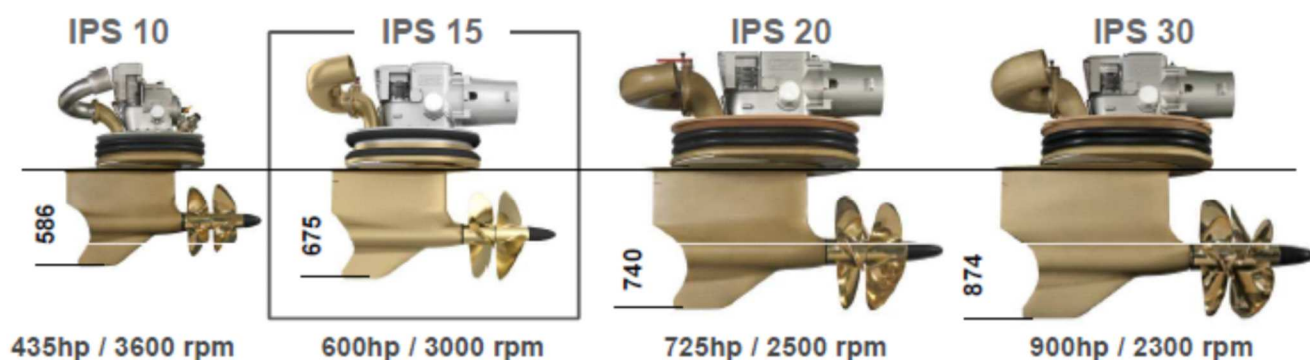
# EXPANDING THE WAY FORWARD - IPS RANGE OFFERS EVEN MORE POSSIBILITIES

On its release in 2005, Volvo Penta's Inboard Performance System (IPS) introduced a new era in easy boating, which remains unmatched. Now the launch of Volvo Penta's new D8-IPS700 and D8-IPS800 further expand the range and extend the benefits of IPS to an even greater variety of boats.

With its unique forward-facing, twin counter-rotating propellers, combined with individual steerable pods, IPS completely changed the industry and continues to offer new standards in handling, onboard comfort and manoeuvrability.

## Superior manoeuvrability

When first launched, Volvo Penta's IPS set new standards in precision and responsive steering, and delivered the best manoeuvrability in the industry. Over the past decade, Volvo Penta has remained at the forefront by continuing to enhance the manoeuvrability of its systems through the introduction of Joystick Docking, Joystick Driving and Dynamic Positioning System. Now even docking and close-quarter manoeuvring can be performed with just your finger tips. Steering out at sea can be done with one hand, at any speed, with perfect precision and minimal effort. At the push of a button, a boat can hold its position and keep within a very limited area thanks to Dynamic Positioning System – perfect for when waiting to dock, refuel or for a bridge to open.



## Compact, fully integrated system

Due to its compact size and positioning, IPS can take up significantly less space than a traditional shaft installation, freeing up more living space onboard – often enough for an extra room or cabin. IPS also offers 50% lower noise levels and vibrations – further enhancing onboard comfort.

## High performance, low fuel consumption

IPS' forward-facing, propellers operate in undisturbed water while the twin counter-rotation results in improved efficiency and performance. In fact propulsion efficiency during middle and top speeds is improved by 25-35% compared to traditional inboard shafts. The system's improved efficiency also results in 20% higher top speed, 30% longer cruising range and 15% faster acceleration. Furthermore both fuel consumption and CO<sub>2</sub> emissions are reduced by up to 30% compared to inboard shafts.

## Easy boating

Volvo Penta's philosophy of 'easy boating' began with the launch of the first IPS pod in 2005, and ever since it has been the guiding principle behind all product innovations. To date over 20,000 IPS units have been delivered to 550 boat builders and feature in around 1,100 different boat models.

"Our goal is to make owning and operating a boat as easy as possible," says Stefan Carlsson, head of Volvo Penta's Marine Diesel segment. "The new IPS pod continues that commitment. By expanding our range, we can now offer a greater choice in systems and bring the benefits of 'easy boating' to an even broader range of boats."





# NZ's latest Volvo Penta Dealer Showroom for Bensemann Boating



On Saturday 13th August Bensemann Boating Centre officially opened their new showroom in Avondale.

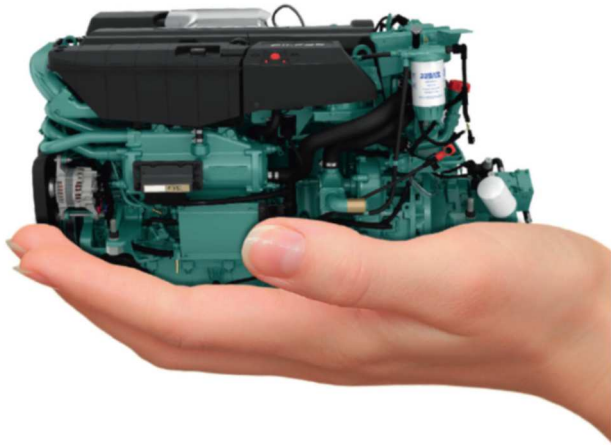
They previously had a showroom in Kelston, however made the decision to move to much larger premises in Avondale where they are more conveniently located.

Bensemann Boating also have another servicing and supply branch located at the Westpark Marina in Hobsonville.

**Bensemann Boating Centre**  
14 Saunders Place, Avondale, Auckland  
Ph: 09 8185604      [info@bensemann.co.nz](mailto:info@bensemann.co.nz)

**Bensemann Boating Centre**  
Unit D, Clear Water Cove, Westpark Marina, Hobsonville  
Ph: 09 4162190      [westpark@bensemann.co.nz](mailto:westpark@bensemann.co.nz)

Website: [www.bensemann.co.nz](http://www.bensemann.co.nz)



## EXTEND YOUR CARE.

Increase the protection of your whole Volvo Penta package – from helm to prop. Choose our new Extended Coverage to keep it fully protected for another three years, after the first two years of our standard warranty has expired.

With a fuel-efficient, high-quality Volvo Penta engine in your boat, you have started in the best possible way. By extending the protection of your propulsion package, you will stay safe and in control.



That's Easy Boating.

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**WHANGAREI:** Whangarei Marine Services. Whangarei Ph 09-438-3296

**MATAKANA:** Matakana Marine & Engineering Ltd. Matakana Ph 09-422-7822

**WHANGAPARAOA:** Marine Solutions Gulf Harbour.

Whangaparaoa Ph 09-424-1260

### AUCKLAND:

**Oplov Marine Ltd.** Westhaven Ph 09-377-4285

**Oplov Marine - Pine Harbour Limited.** Beachlands Ph 09-5365249

**Allvo Marine & Engineering Ltd.** Howick Ph 09-535-9189

**Bensemann Boating Centre Ltd.** Westpark Marina Ph 09-416 2190

**WHITIANGA:** Pacific Coast Marine & Diesel. Whitianga Ph 07-866-0551

**BAY OF PLENTY/WAIKATO:** Coastline Marine Limited.

Mount Maunganui Ph 07-574-9613

**TAUPO:** Fleet Marine Limited. Taupo Ph 07-378-8514

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**NAPIER:** The Workshop Ahuriri. Napier Ph 06-8340460

**WANGANUI:** Marine Services Wanganui Ltd. Wanganui Ph 06-345-6958

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Wellington Ph 04-568-8062

**PICTON:** Seatech Marine Limited. Picton Ph 03-573-6477

Seafarer Marine Picton Ph 03-573-8911 (Marine Commercial)

**PORT NELSON:** Aimex Ltd. Port Nelson Ph 03-548-1439

**KAIKOURA:** Kaikoura Marine Services Ltd. Kaikoura Ph 03-319-5276

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