

# MARINE TORQUE TALK

Winter 2015

What's happening on the water from ...

## VOLVO PENTA

## ELITE SEDAN 12.8 METRE

The owners of Vantage were looking for a sporty styled sedan that was aesthetically appealing, comfortable accommodation for up to 5 people, with a separate master stateroom with flow from the saloon out to the cockpit.

As the owners are also keen divers and fishermen, the cockpit had to be designed with this in mind as well.

Vantage had to have the ability to cruise in the low-twenties without running the engines anywhere near max cruise RPM. This is why twin Volvo Penta D6-300's were chosen running conventional shafts with the propellers in tunnels.



This is not the first time the designer and boat builder have used this setup as a sister-ship was powered with twin D6-330's." We were so impressed with the performance and how quiet the vessel ran we didn't hesitate to suggest this option to the clients".

Scott Lane Boatbuilders have once again made an incredible job of the build and finish that one could almost class as faultless.

The interior décor is light and airy giving the feel of a much larger vessel.

Designers comment (from Bill Upfold - e-mail - [bill@elitemarine.co.nz](mailto:bill@elitemarine.co.nz))

This hull form has generous chine beam moderate dead-rise, with a fine entry developing into straight buttock lines in the aft sections. The bottom is also slightly convex in section athwartship further enhancing the sea keeping performance. This, in my opinion, is the most efficient hull form for this configuration, which has been reinforced by the vessel's performance.

The hull also incorporates my standard silent chine arrangement. As there is no chine flat entering the water this eliminates chine slap at rest yet retains a dry soft ride while underway. The hull is further assisted by one lifting strake per side positioned below the static waterline running through to the transom.

Careful attention had to be paid to the weight of the vessel, so for the structure we chose a balsa cored epoxy composite for the hull with foam utilized in the cabin structure and lightweight cored products for the interior joinery.

### Specifications:

Engines:	Volvo Penta D6-300I (x2)
HP @ RPM:	28 knots @ 3630 RPM
Installation type:	Twin installation
Boat builder:	Scott Lane Boatbuilders
Designer:	Bill Upfold
Length (LOA):	13 m
Beam (BOA):	4.4 m
Deadrise:	13 degrees
Fuel capacity:	1000 L

For further inquiries please contact:

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Phone: +64 9 292 8177

Fax: +64 9 292 9566

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# PARTS TWO YEAR WARRANTY

**VOLVO  
PENTA**



## Volvo Penta offers 24-month fitted-parts warranty

**5 May 2015**

### **Immediate Release**

Volvo Penta has doubled the warranty on Genuine Volvo Penta Parts and Accessories that are purchased and installed at a Volvo Penta dealer to 24 months — creating even better protection for customers.

Volvo Penta offers a comprehensive 12-month warranty on Genuine Volvo Penta Parts. But now the company has extended that warranty to 24 months for parts and accessories that are purchased and fitted at an authorized Volvo Penta dealer. Not only is the part itself under warranty but the labour involved in fitting the part is covered as well.

“We already provide a generous warranty on our Genuine Volvo Penta Parts and Accessories, and this will continue as a benefit for all Volvo Penta customers. But we wanted to offer an extra level of protection for customers who buy parts and have them installed through our Volvo Penta dealers,” says Wayne Patten, Managing Director of Volpower, the New Zealand distributor for Volvo Penta.

When customers purchase Genuine Volvo Penta Parts or Accessories and have them installed by a Volvo Penta dealer, they have the added benefit of knowing that the parts have been fitted correctly and with Volvo Penta expertise — to secure optimum function and reliability. Furthermore, Genuine Volvo Penta Parts are engineered to the exact specifications and tolerances of Volvo Penta engines and have been designed to work in perfect harmony with one another. They also maintain optimal fuel efficiency, minimizing fuel costs and emissions.

“With Volvo Penta, every link in the chain is strong. We offer high-quality spare parts that are well suited to our engines, as well as outstanding service and expertise. But if something does go wrong, our warranty coverage — both standard and now extended — provides a first-class back-up.”

Volpower has 21 authorised dealers throughout New Zealand and Fiji providing expert advice and service for Volvo Penta marine and industrial engines.

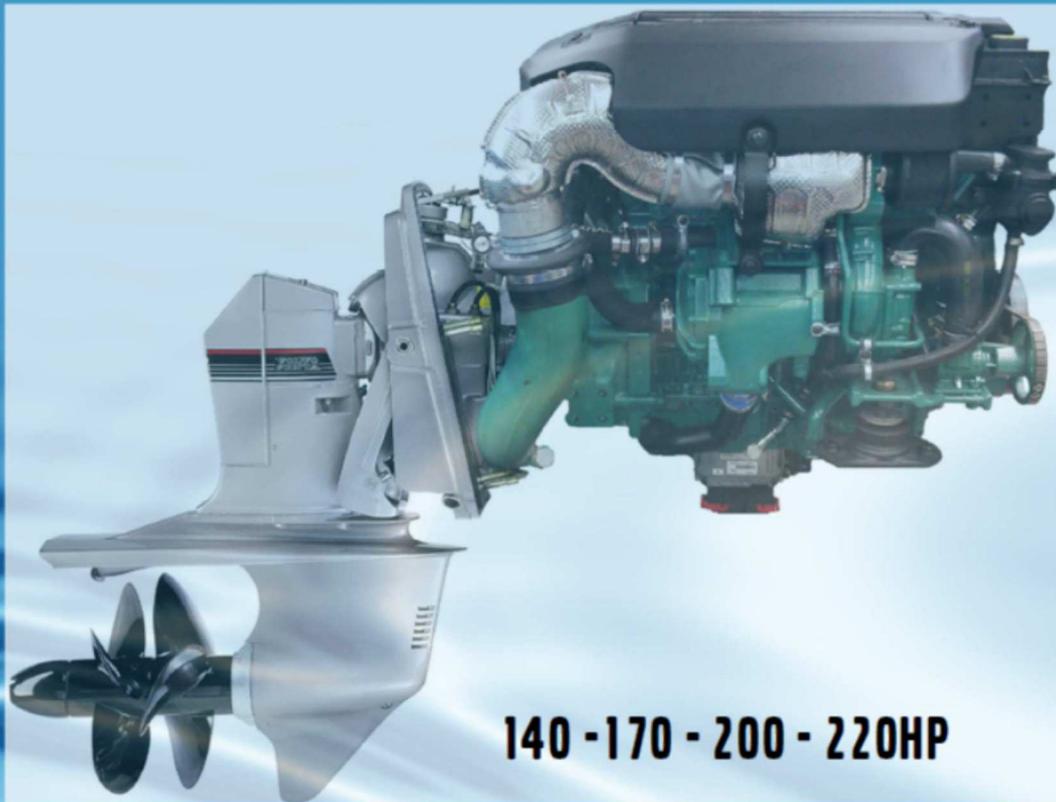
The fitted-parts warranty is now in place and retroactive for any parts purchased and installed since January 1, 2015. Exclusions on 12- and 24-month warranties include all wear and tear parts. The fitted-parts warranty is for 24 months, or 3,000 hours (industrial), 1,000 hours (marine commercial) or 600 hours (marine leisure), whichever comes first.

**For further information:**

<http://www.volpower.co.nz>



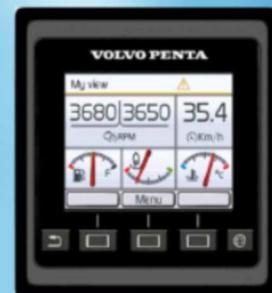
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**SAVE \$729.00\*** on the drive and get a **FREE** set of the new J Series Propellers.

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\*Based on 2014 list pricing

Subject to availability offer expires December 24 2015 and only applies to 290 series drives.

Propellers supplied as product not redeemable for cash or credit.

Price does not include installation.

# CHRIS-CRAFT 34 CROWNE



When Ken and Tania Brown-Bayliss bought their 36 Chris Craft they were looking forward to getting back on the water after a few years of being launch less. Whilst happy with the boat and its layout they were never very comfortable with the power plants as they kept giving niggling issues. "We were never confident that we were going to go out and get back without a hassle" said Ken. "This meant we hardly used the boat and started to think we should quit it". However they really liked the boat and so decided to explore the choice between rebuilding or repowering. After contacting Volpower, and much debate, they decided to go with the repower option and Volpower's recommendation - two Volvo Penta D3-220 DPS engines.

The new engines were commissioned within two weeks of making the decision and after sea trials and setup the Brown-Bayliss's had their first weekend away on the boat since they bought it. "What a difference; power, economy and she was out of the hole like a fizz boat" said Ken. Since that time its had numerous day trips, overnights to Waiheke, Coromandel and Great Barrier island and some great times. Their choice of the Volvo's has been rewarded with what Ken describes as a "new boat". "Reliability was important to us so we could cruise with confidence, however this has changed the boat completely, performance wise - she's got power to burn and the economy is fantastic with a recent three day trip to the Barrier surprising us all. We finally have a boat that Tania and I can confidently cruise in and we are counting the days until summer, although we will be out during the winter with the boys on board."

Boat builder:	Chris-Craft
Hull type:	Mono
Material:	Fibreglass
Length (LOA):	10.4 metres
Beam (BOA):	3.4 metres
Deadrise:	16 degree
Weight as tested:	6000kg
Fuel capacity:	700 lts
Water capacity:	80 lts
Test load:	4 POB, 100% fuel and water

## Specifications:

Engines:	Volvo Penta D3-220/DPS
Configuration:	2.4 lt, Inline 5
HP @ RPM:	220 @4000
Max torque @ rpm:	426Nm @ 2800
Transmission type:	Stern drive DPS
Model:	1.78:1
Propeller size:	14 Duo Prop
Propeller material:	Alloy
Weight (each):	363kg (engine and stern drive)
Installation type:	Twin engine



Note: The optimal cruise speed on this vessel was 18 to 22 knots where it is using 2.4lts of fuel per nautical mile and giving a range of approximately 260 nautical miles with a 10% reserve capacity.

# WHITE POINTER 970 PRO SPORTSMAN



The White Pointer 970 Pro Sportsman is an extension of the 940 Pro Sportsman designed for Craig McDonald, an experienced New Plymouth charter operator and professional offshore skipper. The 970 hull was designed from the ground up with CAD drawings worked up by Jarrod Hall of Hall Marine.

With the overall length being extended, they then needed to effectively maximise the cockpit space. It was decided to move the Volvo Penta D6-370HP diesel engine further inboard, so that there was full access to the transom as well as providing easy accessibility to the engine. They achieved this by fitting a spacer between the engine and gearbox bellhousing and moving the engine and cockpit engine hatch cover forward. The result is that the transom is entirely opened up for anglers, which fully utilises the extra space. Clever design and good engineering have created a fantastic fishing machine.

Boat builder:	White Pointer Boats
Hull type:	Mono
Material:	Aluminium
Length (LOA):	9.7 metres
Beam (BOA):	2.9 metres
Deadrise:	18 degree
Weight as tested:	4000kg (approximately)
Fuel capacity:	600 lts
Water capacity:	150 lts
Test load:	2 POB, 500lt fuel, 80lt water

#### Specifications:

Engines:	Volvo Penta D6-370/DP
Configuration:	5.5 lt, Inline 6
HP @ RPM:	370 @ 3500
Max torque @ rpm:	876Nm @ 2500
Transmission type:	DPH Stern drive
Ratio:	1.63:1
Propeller size:	G4 Duo Prop
Prop material:	Nibral
Dry Weight :	770kg
Installation type:	Single engine

Note: The optimal cruise speed on this vessel was 20 to 26 knots where it is using 1.5lts of fuel per nautical mile and giving a range of approximately 360 nautical miles with a 10% reserve capacity.



**D6-370/DP**

Owner/Skipper Craig MacDonald  
Trading Name Nikki Fishing Charters  
Location: 69 Airport Drive, RD 3, New Plymouth 4312  
Phone: 06-755 0182  
Email: ct.jm@xtra.co.nz  
Mobile: 027 271 4666

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Keeps your hull cleaner,  
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Banish the Barnacle  
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**Easy to install**  
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- Uses ultrasonic energy pulses to make surfaces less attractive to barnacles and algae.
- Helps prevent marine growth on hulls, pipe work and sea chests.
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Tests demonstrate that electronic antifouling products have no adverse effect to fish. The 'SONIHULL' Ultrasonic signal stays very close to the hull structure and does not stray into open water.



Very easy to install  
Kits available for cats and monohulls

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## 2015 WHITE POINTER BOATS FISHING COMPETITION

2015 White Pointer exclusive fishing tournament was held at Waihou Bay on 5th—7th February. Heaviest Marlin landed by Ian Philpott of Mawhai 134kg blue. The tournament winner on points was the boat "About Time" with a tag and release stripy earning 200 points. There were 40 boat entries.

Volpower sponsored this event and provided a Heli-fishing trip for five people and other prizes.



## SOUND PROOFING

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Volpower distribute affordable Pyrotek Noise Control products through our dealer network to provide sound proofing solutions for marine and industrial applications.

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## 2 + 3 YEAR WARRANTY ON ALL NEW VOLVO PENTA MARINE ENGINES

\*Conditional on annual service by authorized Volvo Penta dealers.

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

**WHANGAPARAOA:** Marine Solutions Gulf Harbour.

Whangaparaoa Ph 09-424-1260

### AUCKLAND:

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

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

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Wellington Ph 04-568-8062

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**NADI:** Yacht Help Fiji. Nadi Ph 679-675-0911-2

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