

Autumn 2012

MARINE TORQUE TALK

What's happening on the water from ...

VOLVO PENTA

VOLVO OCEAN RACE 2012 - AUCKLAND STOPOVER

In March 2012, Auckland welcomed the Volvo Open 70s fleet home as an official Stopover of the Volvo Ocean Race.

Auckland staged the Leg 4 finish from Sanya in China and the start of Leg 5, which took the fleet into the Southern Ocean, round Cape Horn and to the finish and stopover in Itajai, Brazil.

Each stopover features an In-Port Race, with the points counting towards Volvo Ocean Race overall standings, and a Pro-Am Race.

The boats arrived in Auckland on Saturday 10 March. The Pro-Am Race was held on Friday 16 March with the In-Port Race on Saturday 17 March. The start of Leg 5 took place on Sunday 18 March.



The last Auckland Stopover was a decade ago, during the 2001/2002 Race and there was a brief visit to New Zealand for the Race in 2005/6 for 48 hours in Wellington. The 2012 Stopover was the eighth time the Race has come to Auckland.

From 10 to 18 March the Auckland Viaduct became a vibrant Race Village for the Stopover with the Viaduct Events Centre acting as the Race Headquarters. The interactive Volvo Ocean Race Experience Zone offered an insight into life on board during the Race with the Simulator, the Grinding Challenge and Airballs.



The Volvo Ocean 70 racing yachts are powered around the world by sail, but they are heavily dependent on Volvo Penta engines to do it, and to get them home safely in case of emergency.

Every yacht competing in the VOR has two standard Volvo engines, as specified under race rules: a D2-75 and a D1-30. The D2-75 is the yacht's propulsion engine, connected to a retracting drive shaft. Volvo's D2-75 is identical to its 2.2-litre, in-line, four-cylinder D2-55 engine, except that it's ramped up to 75hp with turbo.



The smaller, D1-30 engine has no propulsion ability and is used four to five hours a day to charge the onboard batteries. These power the hydraulic pump for the yacht's canting keel system and all ship's systems such as lighting, navigation and communications.



Ray & Margaret Burden, who purchased a Volvo Penta D1-20 Compact Engine were the winners of a V.I.P. Volvo Ocean Race Stopover Experience weekend and enjoyed a weekend of activity participating with dealers/boat builders and other lucky customers.



NEW MODEL WHITE POINTER 940 PRO SPORTS WITH D6-400/DPH

This fishing machine is based on the concept of the 840 Pro Sport and the well proven 920 hull extended to 10.4 metres over all. It has some serious game fishing features like a rounded transom with no duck board allowing for high speed reversing on fish, a large hinged transom door to easily get the big ones on board, self draining cockpit, tuna tubes, live bait tank and a large bait station to list but a few.

The engine is the latest D6-400hp stern drive giving plenty of power to get the boat on to the plane quickly and easily. It cruises comfortably and economically at 30knots with a top speed of 37knots. The engine is installed with a jackshaft between the stern drive and the engine which moves the engine forward giving more fishable space with a walk around engine box.

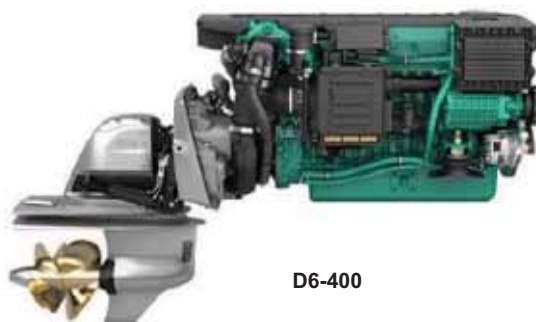
This is the third White Pointer for this owner and he has finished this one elegantly with a clean and sleek white finish, full teak cockpit, day loungers with more than enough fridge and freezer space underneath and finished with leather interior.

Model:	940 Pro Sports
LOA:	10.4 metres
BOA:	2.9 metres
Displacement:	3900 kg (approx. as tested)
Test load:	2 POB, 350lts fuel, 60lts water
Engine HP:	400hp@3500rpm
Drive/Ratio:	Duo Prop DP-H/1.59:1 ratio
Propeller:	G5 Nibral Duo Props

RPM	Speed (knots)	l/hr	Fuel Use (litres per nm)
2400	23.1	30.5	1.32
3000	31.1	50.0	1.60
3500	37.1	77.0	2.10



White Pointer Boats
189 Stanley Road
Gisborne
Ph 06-868 6519



D6-400

NEW CHARTER BOAT FOR MARSDEN COVE

Bladerunner Boats launched a new vessel in early April.

Spot On is a 10.8m aluminium catamaran built for Marsden Cove Fishing Charters of Whangarei by the North Auckland firm, and will be used as an Inshore Limits fishing charter boat operating out of Marsden Cove, just south of Whangarei.

'Inshore Limits' allows the boat to charter-fish up to 12 miles offshore with up to 16 passengers plus crew. Comprehensive railings and non-skid decking on the bow and rear platform further extend the fishing space. Fishing fittings include an over-sized bait/filleting station and wash-down sink, large live-bait tank and game chair.

Powered by two Volvo D6 330hp engines, installed by Ovlov Marine in Westhaven, Spot On achieved a top speed 37 knots during its first trial run in Auckland Harbour, as tested prior to delivery, and cruises well at around 26 knots. Dual helm controls allow operation from the flybridge or down in the main cabin. Cockpit-accessed toilet and shower are fitted.



Ovlov Marine
142 Beaumont Street
Westhaven
Auckland Central
Ph 09-377-4285

RPM	Speed (knots)	l/hr	Fuel Use (litres per nm)
2400	21.6	46.0	2.14
3000	30.6	81.5	2.67
Full	37.2	127.0	3.41



D6-330hp

Photo and the article are courtesy of Boating New Zealand

MARINE SOLUTIONS

Marine Solutions Gulf Harbour discussed various repower/rebuild options with the owner of this 30ft Bayliner after the old Mercruiser big block petrol engine gave up the ghost.

Rebuild options were looked at first however this would not address the high fuel usage and weight issues. Diesel repowers were looked at next but with a \$50k plus price tag this option was not a practical solution for the owner and would have been a large over investment in the vessel. After further discussions with Volpower NZ Ltd options were put to the customer to go with a replacement small block V8 petrol engine but of a more modern fuel injection version coupled up to the original drive and shield which delivered more horsepower than the original engine.

The price of the new engine was also a pleasant surprise being less than a re-built engine. Some work was required around the exhaust to make the Volvo Penta exhaust fit correctly into the transom shield. There were no problems with the shift cable or bobtail mounts. Even the old gauges were able to be used saving more costs and installation time.

The boat was re-launched in choppy conditions and after less than one hour a full throttle test achieved 41mph @ 4650rpm. This was already a 5mph increase over the old engine. Full revs were not being achieved so a re-pitch on both propellers saw an increase to the desired 5000rpm. The boat sits 2" higher in the water at rest, another reason for its sparkling performance up onto the plane and is quieter and smoother than it was previously.



Ralph Kearton
Marine Solutions Gulf Harbour
Gulf Harbour Marina
Whangaparaoa
Phone 09-4241260

ALDEBURGHE GYPSY

Matakana Marine recently gave this classic 20 foot Bruce Askew displacement boat a new lease of life.

The original 32hp BMC diesel had finally given up and Aaron from Matakana was approached to advise on its replacement. His advice was a D2-40hp engine as it was a 4 cylinder like the BMC but is much more compact and lighter. The result was much more space in the engine room and much better performance.

This 2.5 tonne boat now cruises at 6.5knots (which used to be the top speed with the old engine) and does a maximum of 8 knots and the owners are very happy with the outcome.



D2-40



Aaron Stenbeck
Matakana Marine & Engineering
50A Matakana Valley Road
Matakana
Ph 09-422-7822

MASSIVE FUEL SAVING FOR COUGARLINE



Since repowering, "Sounds Exciting" one of Cougar Line's ferries in Picton last year, the owners have been ecstatic about the fuel saving benefits.

Apart from the performance advantages relayed by the skipper and crew, its fuel savings have very quickly become apparent.

Replacing a pair of TAMD122P's the D12 engine burns nearly 26% less fuel than its predecessor. The fuel savings will recoup the cost of the new engines in just over two years.



D12-G MH

Marine Solutions **Gulf Harbour**
SEAQUIP Marine Engineers



Name change for Seaquip Marine

Seaquip Marine Services Limited, located at Gulf Harbour Marina, Whangaparaoa, have recently changed their trading name to Marine Solutions Gulf Harbour.

NEW APPOINTMENT AT VOLPOWER

As many of you are already aware, Volpower has lost Lovell from our warranty department and gained Noel.

Volpower Ltd wishes to extend a warm welcome to our new warranty clerk, Noel Kreegher.

Noel hails from an automotive background, last working in the warranty sector with Moyes Panmure.



With his cheerful nature and helpful attitude Noel has already merged well with the Volpower team.

**2 YEAR WARRANTY ON ALL NEW
VOLVO PENTA MARINE ENGINES**
*Applies to non-commercial use only. Conditional on annual service by authorized Volvo Penta dealers.

VOLVO PENTA MARINE DEALER LIST

NEW ZEALAND:

OPUA: Lowes Marine Services. Paihia Ph 09-402-8375

WHANGAREI: Ray Roberts Marine. 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:

Ovlov Marine Ltd. Westhaven Ph 09-377-4285

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

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

Bensemman 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.
Tauranga Ph 07-574-9613

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

NEW PLYMOUTH: West Coast Marine. New Plymouth Ph 06-759-0939

GISBORNE: Harbourview Marine Ltd. Gisborne Ph 06-868-8686

NAPIER: Hawkes Bay Marine (2005) Ltd. Napier Ph 06-843-5000

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

PORIRUA: KP Marine. Porirua Ph 04 233 6164

WELLINGTON: Strait Marine Parts & Services Limited.
Wellington Ph 04-568-8062

PICTON: Marine Engineering Ltd. Picton Ph 03-573-6477

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

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

CHRISTCHURCH: Southern Viking Ltd. Christchurch Ph 03-348-8976

WANAKA: Torque Marine. Wanaka Ph 03-443-6404

Fiji:

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

WEBSITE INFO: Visit our website for new and used engines and trans, parts, accessories, servicing etc. www.volvopenta.co.nz

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