

## NEW DRIVE SYSTEMS FOR POWERBOATS

Volvo Penta has released two new models to its IPS range of drive systems for cruising boats. The IPS range now comprises four engines, all of which are available with the new "joystick" feature. The range will suit boats from sports cruisers to flybridge motoryachts that vary in size from approximately 9.5m to 16m.

The IPS350 is an adaptation of Volvo's D4-260 engine. It is a four-cylinder 3.7 litre diesel with turbocharger, intercooler and compressor, and a crankshaft output of 260hp at 3500rpm.

The IPS600 is based on the D6-435 diesel with the addition of a compressor and other modifications. It is said to be state-of-the-art, with electronically controlled common-rail fuel injection, double overhead camshafts, four valves per cylinder, and a turbocharger, intercooler and compressor. The compressor produces

high compression immediately during acceleration at low revs for maximum torque. At high revs, the compressor is disengaged and the turbocharger takes over, for strong acceleration and torque at all revs.

Volvo has also released a new diesel for inboard installations. The D6-435 fills the gap between the D6-370 (370hp) and the D9 500 (500hp). It thus replaces the company's big-selling TAMD74.

Contact 0800 865 769. See [www.volvopenta.co.nz](http://www.volvopenta.co.nz)

## NAVIGATE AND PLAN AT HOME

Boat owners and skippers can plan and review their voyages in their own home, thanks to a new software product.

The RayTech Planner from Raymarine comes with a USB Navionics card reader that connects to both a home computer or laptop and any Raymarine navigation unit using Navionics' gold or platinum charting. (This includes all Raymarine products from the handheld RC400 to the E120.)



The Planner allows owners and skippers to view their charts comfortably at home to plan routes, select anchorages, mark potential fishing or diving sites and note possible hazards. Planning and creating a route, complete with waypoints and audible alarms, is a simple "point and click" operation.

Based on the powerful RayTech RNS 6.0 navigation software suite, the Planner features built-in charts for the entire world,

and is compatible with a wide range of chart formats, including Navionics, C-MAP NT+ and raster charts. It also supports importing and exporting waypoints and routes in the spreadsheet-friendly .csv format.

The Planner, which complements any Raymarine chartplotter or multifunction display, retails for \$199.

Contact Lusty and Blundell Ltd. Phone: 09 415 8303

## EXPEDITION WATCH

At first glance the Timex E-Tide-Temp-Compass watch looks like an ordinary wristwatch. But inside the stainless steel case sit miniaturised sensors that when activated by pushing a button, employ a dedicated fourth hand to indicate the temperature or tide, or point north on the accurate electronic compass. The tide track shows hours to the next high or low tide. The temperature mode is in Celsius or Fahrenheit.

The watch features a declination adjustment scale, a night light, luminescent hands and an analogue movement. The batteries should last 4.5 years.

The Timex watch comes with a silicone or leather strap, or a stainless steel bracelet, and is water-resistant to 100m.

Contact Griffiths, McKay & Buckleigh, phone 09 309 4948, or see [www.timex.com](http://www.timex.com)



## DAVITS FOR "SMALLER" VESSELS

Steelhead Cranes' davits for boats in the 12m to 20m range are now available in New Zealand.

The Whisper Davit WD Series is said to be quiet, smooth, compact and easily installed. They feature 355 degree manual rotation, a linear winch and a powder-coated paint finish.

The WD Series is engineered from marine-grade materials and is said to deliver 35 percent greater lifting power than comparable cranes, but weigh 30 to 50 percent less. All davits are proof-tested to 125 percent of their capacity and destruction tested to 300 percent.

The davits also feature composite rope instead of steel cable to save weight without compromising performance, and be far easier on the hands.

The Whisper Davit WD Series comes with a 12 or 24 volt DC power unit and a standpipe assembly. Other options include a pedestal base mount, power luffing and wireless control. Custom specifications are also available.

See [lustyblundell.co.nz](http://lustyblundell.co.nz) or phone 09 415 8303

