

MARINE TORQUE TALK

Winter 2013

What's happening on the water from ...

VOLVO PENTA

Robson 433 Sport Fisher

Specifications:

Boat Design Name:	Robson 433 Sport Yacht
Designer:	Scott Robson Design
Builder:	Icon Custom Boats
LOA:	14.50m
LWL:	11.30m
Beam:	4.80m
Draft:	1.0m
Displacement (full):	14 tonnes
Max Speed:	31 knots
Cruise Speed:	26 knots
Engines Make:	Volvo Penta D6 330
Drive Train:	Volvo Penta DPH sterndrives
Propellers:	G3 Nibral Duo Props



When the owner of Cabo first approached designer Scott Robson he explained he wanted a big day boat for Fiji with overnight options. The layout had to be fresh and 'beachy' as this was a boat to be used for a lot of day entertaining, diving and swimming.

"We worked closely with the owner right from the outset and made a lot of changes as we understood more about what he wanted from the boat", says designer Scott Robson.

30 Knot Plus

During our test we had nice flat water within the Marlborough Sounds and a confused short chop outside, so I was able to give the boat a good hard run in a variety of sea states. As you would expect it was quick and easy in the calm and handles like a large runabout. It's slippery on the water, reaching 30 knots easily and with a tweak of the trim on the legs 31 knots wasn't hard to achieve.

We cruised around 26 knots @ 3200 rpm and used around 100L/h for both engines. Power in Cabo is a pair of 330hp Volvo Penta D6-330's through DPH legs. Crank the boat into a high speed turn and I was impressed with how it stayed so level and dropped little in speed. Recovery from a tight turning circle was almost instant.

The DPH legs give you the ability to trim the boat to get the best ride and this was very noticeable in the rougher water. While at negative trim the hulls ran well in the short following sea, when you added a little in trim, the boat went even better. A very comfortable boat all round.

Icon Brands International Ltd

Manufacturers of Kwikkraft, Ramco and Icon Custom Boats

305 Flaxton Road, Rangiora 7400

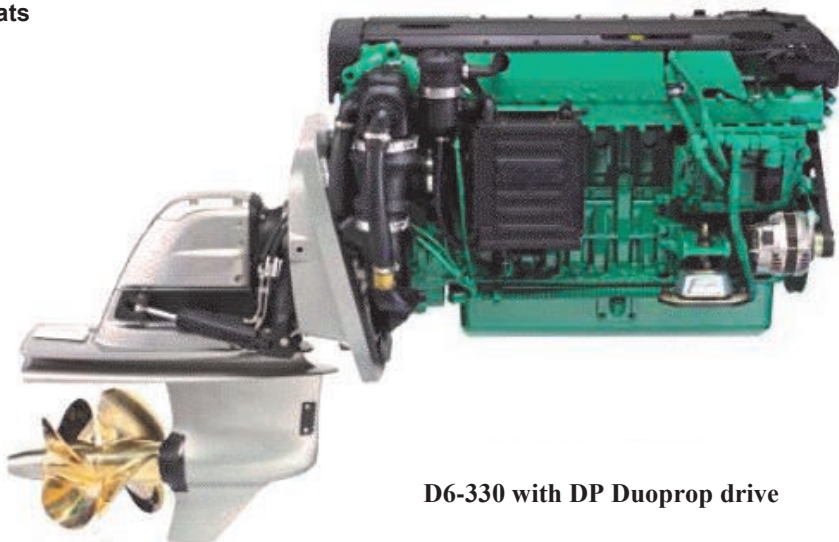
Ph: +64 03 3133560

www.iconcustomboats.co.nz

Performance & Fuel:

RPM	Knots	L/h	L/NM	Range
1000	6.1	6.7	1.10	1024
1500	8.4	18	2.14	525
2000	10.6	41	3.87	291
2500	17.2	58	3.37	334
2800	20.6	76	3.69	305
3000	23.2	86	3.71	303
3200	25.8	97	3.76	299
3400	28.2	111	3.94	286
3640	31.0	127	4.10	275

Range is based on 90% of 1250 litres



D6-330 with DP Duoprop drive

Photo and the article are courtesy of Barry Thompson, Pacific Power Boat

2013 SHOW BOATS DESIGN AWARDS WINNER

TENDER DESIGN AWARD

Winner: Fontaine Design Group for T/T Loretta Anne

Builder: Lloyd Stevenson Boatbuilders | Designer: Fontaine Design Group

Lloyd Stevenson Boatbuilders are proud to announce that the tenders to M.Y Loretta Anne have won the Tender Design Award at the 2013 ShowBoats Design Awards.

In a prize giving ceremony at the Monaco Opera House on June 21 the two Lloyd Stevenson's built F620 yacht tenders to M.Y Loretta Anne received the Tender Design Award at the 2013 ShowBoats Design Awards.

Designed by Fontaine Design Group of Rhode Island, USA, these tenders add to Lloyd Stevenson Boatbuilders impressive portfolio.

Owners Representative Captain Philip Shirley was very pleased with the tenders: *"The two tenders that Lloyd Stevenson Boatbuilders have built for M/Y Loretta Anne are by far the best designed and constructed of any tender I have dealt with in my 23 years of professional yachting. They are true super yacht quality tenders"*

T/T Loretta Anne details for the ShowBoats Design Awards
Designer Statement

Known almost exclusively for their large, award-winning sailing yachts, Fontaine Design Group has collaborated with Lloyd Stevenson Boatbuilders in New Zealand to design and build these diesel powered yacht tenders.

At a length of 6.2m and with a folding console, the boats are able to be stored in compartments accessed through the side of the Yacht. The central lifting point on the boats allows easy loading and unloading, and requires very little overhead room. The D-shaped fender system ensures safe interaction between the yacht and tender in the transfer of passengers or goods. The u-shaped settee in the bow, console bench, aft bench settee and t-settee aft of the console, provides comfortable seating for up to 10 passengers plus a crew member.

The Volvo Penta D3-220 engines and DPS drives the tenders to speeds of 35 knots with a maximum speed of 40 knots with a dry comfortable ride. The moderate V bottom provides a smooth ride through choppy water and a stable motion while at rest; while the wide bow flare provides a dry ride for all passengers.

Steven McNally
Fontaine Design Group

Specifications

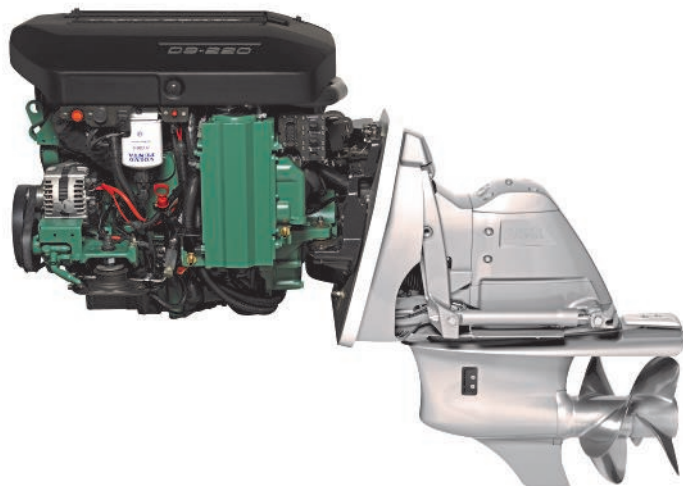
Designer:	Fontaine Design Group
Builder:	Lloyd Stevenson Boatbuilders Ltd
LOA:	6.2m
LWL:	5.54m
Draught:	0.37m
Beam:	2.48m
Weight:	1650kg
Passenger capacity:	Seating for 9 guests
Engine manufacturer:	Volvo Penta D3-220 DPS
Maximum speed:	43 knots

Lloyd Stevenson Boatbuilders

10 Ra Ora Drive, East Tamaki, Auckland
Ph: +64 09 2747680
www.lloydstevensonyachts.co.nz

For more information on the Loretta Anne tenders follow the link
http://www.lloydstevensonyachts.co.nz/page/boats/info/tt_loretta_anne/

Photos and the article are courtesy of Lloyd Stevenson Boatbuilders



Volvo Penta D3-220 DPS



Within the last year Icon Brands, based in Rangiora, have completed two D4-300 (twin) installations in jet tour boats.

One of the jet boats was sent to Beirut and the other to Finland.

The engines were supplied by:
 KP Marine, 3 Plimmerton Drive, Plimmerton, Porirua,
 Phone: 04 233 6164
www.kpmarine.co.nz

Manufacturer: Icon Brands
Model : 7800 Jet Tour Boat
LOA : 7.8 meters
BOA : 2.8 meters
Deadrise : 21 degree
Displacement : 3600 kg Dry (approx)
Test load : 4 POB, 100lt fuel
Capacity : 400lt fuel, 24 people
Engine Type : Volvo Penta D4-300 (twin)
Engine HP : 300hp @ 3500rpm
Jet Unit : Hamilton HJ213
Range : 180 NM @ 2800 (approx)

RPM	Knots	l/hr	l/nm
850	3.3	2.75	0.83
1000	4.1	3.87	0.94
1500	5.5	8.84	1.61
2000	7.1	19	2.68
2200	7.5	25.8	3.44
2400	7.7	32.8	4.26
2600	16.5	42.6	2.58
2800	24.3	54	2.22
3000	30.2	69.8	2.31
3200	35.1	84.5	2.41
3400	37.6	97	2.58
3550	40	113.5	2.84



D4-300

Icon Brands International Ltd
Manufacturers of Kwikraft, Ramco and Icon Custom Boats
 305 Flaxton Road, Rangiora 7400
 Ph: +64 03 3133560
www.iconcustomboats.co.nz

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SOUTHERN VIKING



As of 1st July 2013, Southern Viking in Christchurch, has become a trading division of Truck Stops (NZ) Ltd. It has become the 16th branch for Truck Stops.

Southern Viking was formed back in 1982 after Alasdair Brass approached Volvo Australia to secure the Volvo agency. Then Kevin Gray and Murray Lemon joined Alasdair as co-directors.

Kevin will be staying on with the company while Alasdair and Murray will be retiring.

We would like to thank Alasdair and Murray for providing high quality product support and servicing for Volvo Penta customers.

SOUND PROOFING

Pyrotek
noise control

Volpower distribute affordable Pyrotek Noise Control products through our dealer network to provide sound proofing solutions for marine and industrial applications. To see samples contact your local Volvo Penta Dealer now, or go to www.volpower.co.nz



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 2012. 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: Kaitoura Marine Services Ltd. Kaitoura 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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