

Perelandra

44' Steel Ketch – design no. 84-431

GENERAL SPECIFICATIONS & COMMENTS

Boat Name: *Perelandra*
Type/Use: Pleasure cruising
Make/Model: Custom center cockpit cruising ketch
Designer: J. Simpson Ltd, 4876 59th St., Delta, BC, Canada V4K4L7
Builder: Waterline Yachts and Windrose Boat works (primarily owner built)
Year Built: Launched 1989, Port Townsend, WA, USA
Length O.A: 50' 10" (over sprit)
Length on Dk: 43' 11"
Length LWL: 37' 1"
Beam(mld): 13' 8"
Draft: 5' 10"
Displacement: 34,000 lbs.
Ballast: 10,500 lbs. lead
Propulsion: Perkins 4-cylinder diesel, model 4-236 – 7 knots
Hull: Steel (approx. 14,500 lbs “on ship”)
Hull Type: Full displacement, radius bilge, long fin keel, and skeg hung rudder
Sail Area: 1,042 square feet (100% fore triangle)
Clearance: 57' from waterline
Pounds/in.: 1,650
Tankage: Fuel = 180 gal. Water = 175 gal.

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Date: September 11, 1999- 7:11 PM

Subject: **Perelandra — Sail Balance under various arrangements**

Comments by Owner

Basically Perelandra sails well without the mizzen. With that sail up she'll have more drive and tend to point better but many times this isn't necessary as when off the wind. Of course when sailing under staysail alone she is slower to respond and won't come about as easily or quickly. She likes having some sail up on the outer forestay. When that is the case she balances well and has more drive. The helm is well balanced and changes slightly according to the various sail arrangements. We're especially happy with the balance to the helm when storm-sails are up. When going fast she responds even better and with small adjustments between headsails and mizzen one can enable her to track well and be with the right amount of weather helm.

That about covers it.

Typical Passages:

6 days\* = 1000 n.m. (\*best long passage)

Best = 180 n.m.

Average= 130-160 n.m./day

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