

*Stormbird* was designed and built by Pop Jorgensen at Waikawa Bay, Picton, and was launched in 1981 and the plans are dated 1974.

Designed along traditional Danish lines *Stormbird* is the most 'Danish' of all his boats.

*She was designed using the principles of Harrison Butler's Metacentric Analysis. I did the calculations for Pop. A model was made and we towed it heeled and it behaved as expected without rounding up. We used that principle on all the sailboats we designed. Including the three big boats I designed for Thackwray yachts – Harry Jorgensen August 2021*

Harrison Butler was "a strong believer in the 'metacentric shelf formula' to achieve good balance and handling under sail. The theory held that as a yacht heels under sail, its balance will depend on the immersed form of the hull, with different sections exerting varying degrees of buoyancy and aft sections possibly being more buoyant than forward sections. Metacentric shelf analysis plots the shifts in the varying buoyancies as a net value to windward or leeward and serves as a guide to achieving equal buoyancy in the dissimilar ends of a design. The work can now be done by computer, but when it was applied by the brain, hand and eye of Dr. Harrison Butler it produced famously sweet-handling boats, in the age of heavy weather helm." - [https://en.wikipedia.org/wiki/Thomas\\_Harrison\\_Butler](https://en.wikipedia.org/wiki/Thomas_Harrison_Butler)

She was built over seven years during Pop's retirement, with the view to coastal and Pacific cruising for he and his wife Phyllis. Although Pops health prevented him from using the boat extensively his love of boat building is clearly evident in the boat's mature lines and details.

She has a Danish Kroner under the mast. On inquiring with his family that coin has the year that he bought the land for the boat yard and was put aside for his "dreamboat"

I purchased *Stormbird* from Finn's widow, Natalie in 1999. She is unmodified from her original plans. A cutter rigged bermudian sloop, she carries her original timber mast and wooden spars. Her hull is framed in Karri and planked with New Zealand kauri.

During the 20 + years I have owned her I have done two circumnavigations of New Zealand's North Island and countless miles in the Marlborough Sounds and the North Island's north east coast.

In 2015 I fitted a new Beta 38 engine to replace the Volvo MD3B. She is berthed at Westhaven Marina, Auckland

LOA: 36' 0"

Beam: 10' 8"

Draught: 5' 9"

Rick Allender May 2021

Additional photos here <https://www.jorgensenboats.nz/boats>

