



Scruffie marine

about our
Stornaway 18



Ken Sanderson and the boys
Whitsunday Islands, Australia

The Stornaway brief

In designing the Stornaway Weekender I had one simple aim in mind: to build the perfect small cruising yacht, the best in the world. To this end, I wrote a set of criteria. The boat should be

- Safe, seaworthy and a joy to sail.
- Able to comfortably withstand winds in excess of 30 knots and seas in excess of 2 metres.
- Able to support 4 adults and their gear when fully swamped (7 adults in the open version.)
- Very good self-righting properties and excellent stability
- Sail herself unaided in most conditions with good directional stability and a steady near neutral helm.
- Use the mizzen to heave to and reverse the vessel.
- Flat packed and shipped anywhere on the planet with ease.
- Capable of being built with minimum tools and facilities.
- Able to be rowed or motored efficiently with minimum effort.
- Able to rig, launch, retrieve and sail single-handedly and able to operate all sail or power controls without leaving the tiller.
- Able to easily raise and lower the mast, reef and anchor from the centre of the boat.
- Able to brail up the mainsail instantly or completely drop the mainsail in under 30 seconds.
- A boomless main for safety and roller furling genoa plus storm jib.
- A comfortable cockpit and cabin with room to sleep 4 – 2 under canvas.
- Space for a cooler, port-a-potti, stove and sink with ample water.
- A large hatch on the cabin versions with ample room for storage.
- Low topsides for easy access and a part self-draining cockpit.
- Able to be built by a home handyman in under 6 months part-time.
- Have a draught of less than 2 feet (600mm.)
- Easily trailerable with a 2 litre car and able to be rigged and launched in under 20 minutes – the quick owners so it in 10.
- Main yard long enough to use as a ridgepole for a tent or awning and able to stow all spars in the length of the boat.
- Elegant, timeless traditional lines which will look good for generations.

- Will hit 6 knots, ghost effortlessly in light airs, take the roughest conditions in her stride and never, ever let you down.

And did we fulfil the brief? Undoubtedly, the boat is a great success and over the years Stornaways have been subtly improved and updated. The new Cuddy Cabin Version allows more room in the cockpit but leaves the forward bunks intact. The Camper shares the same layout. New keel and rudder profiles, introduced in 2000, have further enhanced windward ability and new fuller aft sections since 2004 have enhanced stability and balance. Lightweight versions with extra ballast are both quicker and stiffer.

The Stornaway has become very popular with schools and outward bound operators. An excellent little ship is now better than ever.



**Ken Sanderson and the boys – after the race
Whitsunday Islands, Australia**

Specifications

LOA:	21' (6.4m)	LOD:	18' (5.5m)
Weight:	350 kg approx.	Ballast External:	96 kg
Draught:	1'6" (.45m)	Ballast Internal:	to trim – extra
Beam:	6' 6" (2.m)		ingots available
Berths:	2 + 2 under canvas	Rig:	lugsail yawl
		Timber trim:	various options
Seating capacity:	up to 8	Working sail area:	17.85 sq m

Kit Components: pre-fabricated and ballasted keel assembly, frames, seats, bulkheads, stringers, hull panels, timber spars, rudder and tiller, solid timber trim for fit out, epoxy resins, fillers, fibreglass cloth, fixings and custom fittings – everything except paint and varnish and canvas for the camper and weekender.

Materials: BS1088 marine ply and Hoop Pine plantation ply, Western Red Cedar, selected Queensland Red Cedar, Silky Oak and selected hardwoods. Spars in clear Douglas Fir (Oregon Pine.)

Hull Versions

Stornaway Dayboat Hull Kit – huge open cockpits

Stornaway Camper Hull Kit – two forward bunks, laminated hoops for pram hood

Stornaway Weekender Hull Kit – cuddy cabin with two bunks or full cabin with two bunks and galley area

Mast/Sail Pack

Stornaway Mast/Sail Pack

Main mast, mizzen mast, yard, bowsprit, rudder, tiller, all standing & running rigging, fairleads cleats, blocks, mainsail, mizzen and genoa in 5 oz cloth

Road Trailer – custom built

Accessories – a full range of accessories is available

Special Trim – Please request price & availability of special trims when ordering

Completed Boats – built to various stages, please contact us for further information



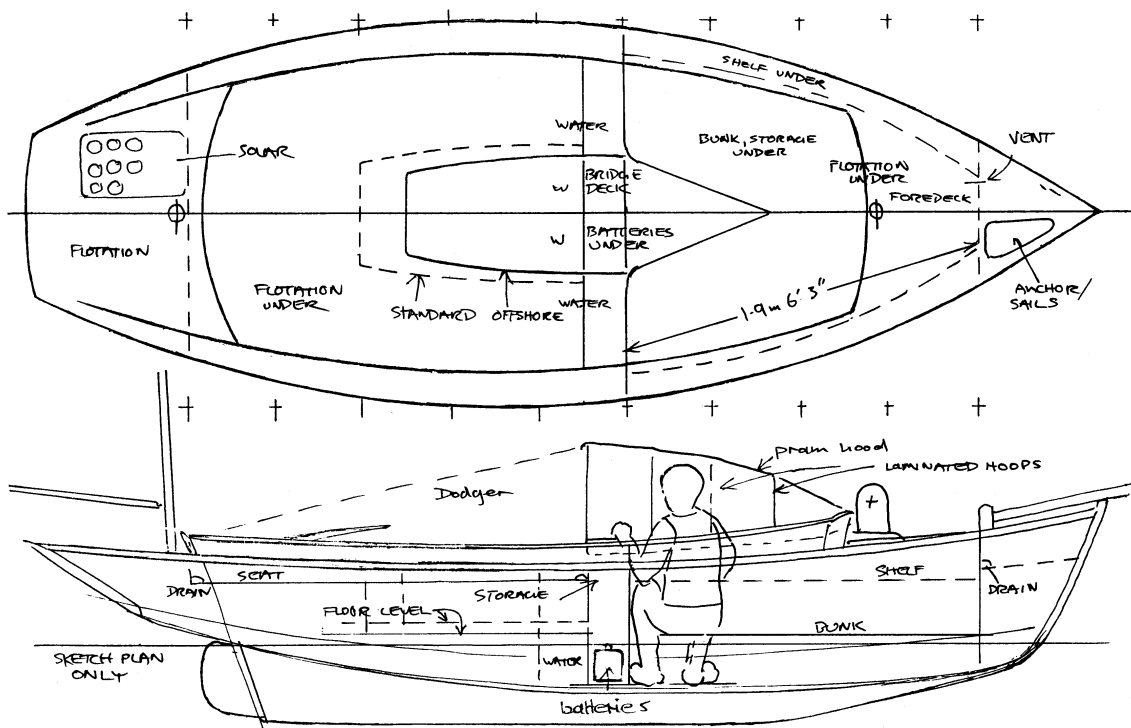
Dorie Klimshuk and his family sailing their Stornaway Camper
Massachusetts, USA



6-8 Knoll Road
North Tamborine QLD 4271
Australia

Scruffie Marine Pty Ltd
info@scruffie.com
www.scruffie.com

Phone: +61 7 5545 1015
Local: (07) 5545 1015



Stornaway Camper General Layout

6-8 Knoll Road
North Tamborine QLD 4271
Australia

Scruffie Marine Pty Ltd
info@scruffie.com
www.scruffie.com

Phone: +61 7 5545 1015
Local: (07) 5545 1015

sea trek at Ritamada

“I regard it as the foremost task of education to ensure survival of these qualities: an enterprising curiosity, an undefeatable spirit, tenacity in pursuit, readiness for sensible self-denial, and above all, compassion.”

Kurt Hahn - founder of *Outward Bound* who employed challenge and outdoor adventure as a way of teaching perseverance, skill, teamwork, leadership and compassionate service.

by IAN ADIE

THERE is some irony and appropriateness in the design and development of Ritamada as The Rockhampton Grammar School's 'marine-based' Outdoor Education Campus.

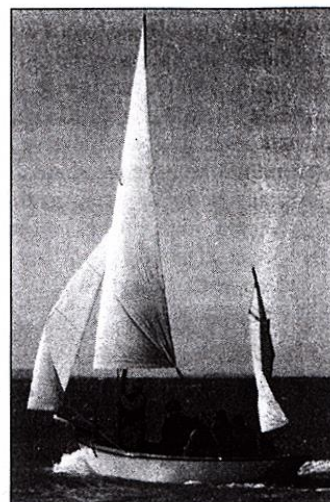
The Ritamada Campus enjoys a spectacular coastal headland location just north of Emu Park on the Capricorn Coast of Queensland overlooking the Keppel Bay and Islands.

It is a place from which RGS students head 'outward bound' for journeys of discovery... (outward bound - the nautical term for a ship leaving port on a sea journey).

These real and metaphorical journeys draw personal experience and intellectual growth together through adventure and challenge to help students build an understanding of themselves and the world around them.

Like all maritime explorers, students need security, creativity and competence. They also need to belong, to take part in a community, to contribute to something larger than themselves.

Learning and understanding takes place when students engage in and reflect upon challenging



ROCKHAMPTON Grammar boys hard at work 'studying'.

experiences in which they must make choices, take responsible action, acquire new skills, and work together ie. to be part of a 'crew'... not 'passengers'!!

Outdoor Education at Ritamada trades 'beam' (breadth) for 'draught' (depth), immersing students in themes and activities that are ripe with unresolved issues that foster creativity and enhance motivation to learn, ie. the will to create is linked to the possibility of controlling one's own destiny.

The 'Sea Trek' is one such activity that is conducted with secondary Marine Studies students. This is where Scruffie Marine's Stornaway sailing craft enter the picture. The Stornaway offers us a safe and seaworthy vessel. The absence of a centreboard and a generous beam means the interior of the boat is very spacious and uncluttered, allowing easy movement around the vessel for novice sailors and storage room for our waterproof expedition barrels. The Stornaway with its steady helm, smooth and unhurried manners handles the short chop of the bay on the northerly with ease and comfort. The loose-footed main and stable gybe engenders confidence in the crew and much less stress for the instructors! If given the choice, the students who have previously participated in sail training using 16' planing dinghies will generally nominate the Stornaway as their cruising vessel of choice.

Not only is the Stornaway quick to rig and launch but the timeless traditional lines continue to

54 Australian Amateur Boatbuilder

bring an admiring crowd to the ramp each time. We are soon to boost our fleet to four with the addition of two more Stornaway boats currently being built on site.

Students undertake an introductory sailing program through their coursework then participate in the sea trek to an offshore island. Students sail the Stornaways and a chartered 40ft yacht the 11nm passage across the partially smooth waters of the bay to the island.

Much preparation is undertaken with students studying charts, listening to maritime weather reports on the marine radio, preparing the Stornaways, identifying safety equipment, organising menus, provisions and camping gear.

Activities on the trek include setting and plotting the passage on a chart, demonstrating appropriate seamanship as a skipper and crew, anchoring and other scheduled boat drills, monitoring tides and weather, biotic and abiotic studies of the bay and island, completing a log, setting camp and cooking meals etc.

At night we sit around a campfire on the beach telling tales of the sailors' daring do, and as I watch the yellow light of the campfire flames dance across youthful faces, the hidden agenda of this trek is evident to me. Although the trek is primarily designed to make mariners of this 'scruffie' crew (and in some cases; miraculously, that does happen), the other objective is to shake them out of their comfort zones and connect them to the world beyond themselves, to hook them on to life.

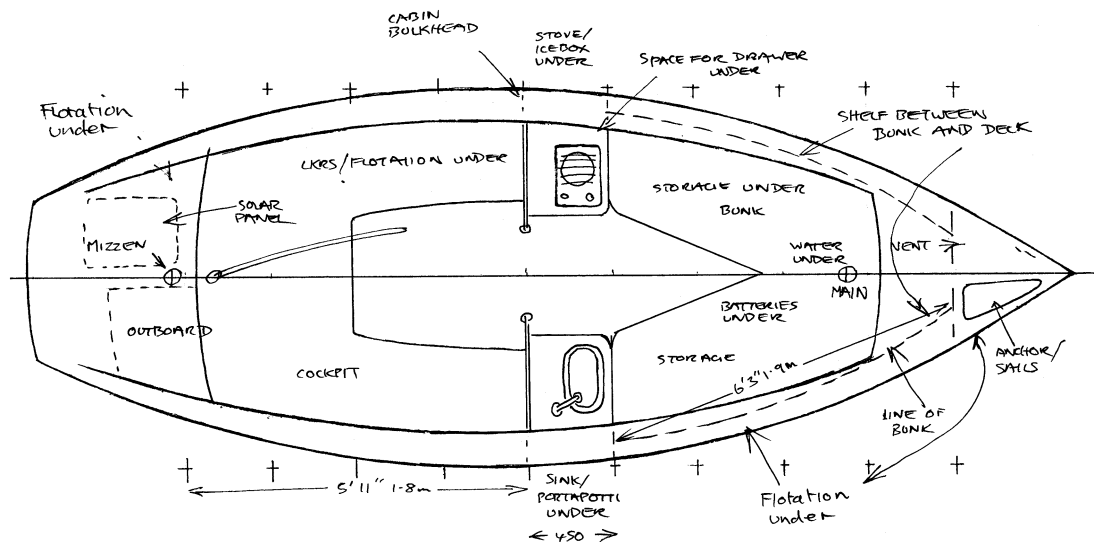
And (at least for those few days) it works! ■



**Rockhampton Grammar School students at Ritamada Campus
Capricorn Coast Queensland**



Sue & Garry Clyne's Stornaway Full Cabin Weekender, Queensland



Stornaway Full Cabin general layout



David Templeman Sydney Harbour



Andrew Mitchell's Stornaway Cuddy Cabin Weekender, Queensland

6-8 Knoll Road
North Tamborine QLD 4271
Australia

Scruffie Marine Pty Ltd
info@scruffie.com
www.scruffie.com

Phone: +61 7 5545 1015
Local: (07) 5545 1015



Dave & Gaynor Turnbull
Gloucester Island Queensland

Contact Scruffie Marine

Email: info@scruffie.com

Website: www.scruffie.com

Phone: +61 7 5545 1015

Phone local: 07 5545 1015

Yard: 6-8 Knoll Road, North Tamborine, Qld 4271, Australia