

Materials Used



KEEL Merbau



FRAMES ... Laminated Kauri Pine



PLANKING Kauri Pine



FLOORS Oregon



DECK Celery Top Pine



COMBINGS Huon Pine



THWART Huon Pine

Scotch College **SEA SCOUTS** **BOAT BUILDERS**

2009

Mathew Bate Tom Auty
Patrick Chia Charlie Booth
Mathew Rawlings Adam Brown
George Stevenson (Captain) Will Carroll
Christiaan van Til James Davies
James Sansom Andrew Emmett

2010

Matthew Foskey
Tom Hays
Richie Lamont
Damien Lipshut (Captain)
Neil Pachauri
James Sandford
Angus Smith
Andrew White
Sam Douglas
Alisdair Reeves

Teacher-in-Charge Mr Dylan Coleman
Shipwright Mr Richard Blake
Project Manager Mr Robert Lachal FRGS
Senior Materials Technician Mr John Newell

Scotch College **SEA SCOUT** **MOTTO**

*I hear and I forget
I see and I remember
I do and I understand*



SCOTCH
COLLEGE
MELBOURNE

FOUNDED 1851

ENQUIRIES TO BOB LACHAL 9810 4321



Scotch College **SEA SCOUTS**

'Resolve'

Boat Building Project 2009/2010



Handmade to exacting standards

'Resolve'

1903 LAKES GAFFER

LOA	23 ft
BEAM	8 ft
DRAUGHT	2 ft
ENGINE	YANMAR 15 HP 2 CYL DIESEL

The craft is totally traditional.

Strip planked with laid deck.

Trimmed inside with Huon Pine Combings and

Thwart seat, and powered by a 15 hp, 2 cylinders

Yanmar Diesel. All fastenings are copper and stainless steel and the castings are aluminium bronze.

There have been no short cuts and the result is a wonderful achievement.

Bob Lachal

BOATMAN

This boat building project is the result of two years part time work by the Scotch College Sea Scouts.

This yacht is an accurate replica of the yachts that fished the Gippsland lakes under sail power at the turn of the century.

The materials used in the construction are the best boat building wood available in Australia and it is genuinely thought that the boat will last over 100 years. The photographs on the cover of this pamphlet show the various stages of construction.

The hull was strip planked upside down and glassed sheathed both inside and out. The hull will require very little maintenance. The hull was completed during the first year of the project and turned over for the internal fit out. The yacht is due for completion during Term 1, 2011 under the direction of shipwright – Mr Richard Blake.

The boys involved have learnt many new skills in the traditional art of boat construction.

Students have also learnt to loft the moulds from plans and laminate the frames.

The keel was also laminated and the strip planking was commenced (60 planks per side).

To mark the laying of the keel, all the boys were invited to sign their names on the timber.

A nail gun was sourced from America which fired plastic nails. This method of fastening helped to speed up the construction and the hull was completed in the first year.

The boat on display today is the result of two years part-time work. Next year the mast and spars will be fitted and new sails made.

On completion, it is intended to sail the boat to Geelong where it will be displayed at their Annual Wooden Boat Show.

