



2010 NATIONAL COMPETITION

Marine Cabinetmaking

**Pre-Competition Information
for Competitors**

Project Designer/s:

Chris Pye –Alloy Yachts International
Mark Boyce –Alloy Yachts International

Name and contact details for National Skill Expert

Mark Boyce

Mob:021 171 6929

Email:mark_boyce@hotmail.com

INTRODUCTION

Congratulations on qualifying for a WorldSkills New Zealand national competition. The pathway to success includes a careful study of these instructions. **Please read these instructions fully and retain them for the competition days.**

A WorldSkills New Zealand competition will give you a ranking against your peers according to the skills you demonstrate on the day. You are judged according to your ability to achieve set goals and are awarded marks according to how well you achieve those goals. Unlike standard competency assessments if you perform better than the industry standard demands [the minimum mark], then you will be rewarded for that effort.

The Marine Cabinet Making competition consists of a stand alone cabinet built over 3 days. The cabinet will have at least one moving part, hand cut dovetail joints, veneering, planning and some form of hardware. All hand cut joints will be marked before and after gluing. The project will need to be finished to a pre polish standard.

Competition Schedule

The maximum working time for this competition is 19 hours. As a competitor you should keep track of time yourself. The timetable for the day of competition is shown below.

Day of Arrival (Wednesday 22th September)

3.00pm – 5.00pm	Arrival, draw for work stations and instructions
5.00pm – 6.00pm	Opening ceremony

Day 1 (Thursday 23th September)

9.00am	Familiarisation
9.10am	Commence work on project
Competitors take breaks at different times	Morning Break
	Continue with work project
Morning and afternoon breaks – 15 mins	Lunch Break
	Continue with work project
Lunch – ½ hr	Afternoon Break
	Continue with work project
5.30pm	Stop work on the project
5.30pm	Competition debrief

Day 2 (Friday 24th September)

8.00am	Familiarisation
8.10am	Commence work on project
Competitors take breaks at different times	Morning Break
	Continue with work project
Morning and afternoon breaks – 15 mins	Lunch Break
	Continue with work project
Lunch – ½ hr	Afternoon Break
	Continue with work project
4.30pm	Stop work on the project
4.30pm	Competition debrief

Day 3 (Saturday 25th September)

8.30am	Familiarisation
8.40am	Commence work on project
Competitors take breaks at different times	Morning Break
	Continue with work project
Morning and afternoon breaks – 15 mins	Lunch Break
	Continue with work project
Lunch – ½ hr	Afternoon Break
	Continue with work project
5.00pm	Stop work on the project
	Competition debrief

Day 4 (Sunday 26th September)

	Cleaning up at the venue
11am	Awards Ceremony

Marking Scale Summary

All competitors who compete in this skill category will be judged according to the same criteria. A summary of the different project sections and the number of marks allocated to each section is shown below.

Section	Task	Maximum Possible Marks
A	Main & Secondary Dimensions	19
B	Surfaces Confirming To Drawings	21
C	Face Marking & Setting Out	4
D	Joints Before & After Gluing	35
E	Fittings & Moveable Parts	16
F	Use Of Material	5

On Day 1 of competition you will receive a blank copy of the marking scheme for your skill category. You will be allowed to retain this during the competition. We recommend that you refer back to this regularly throughout the competition.

Description of Marking Systems

The following marking systems will be used by the Judges in their assessment of your project.

Objective Marking

Judges will carry out **objective marking** in areas of the project where tolerances can be applied or where it can clearly be seen that a task has or has not been completed.

The marks to be awarded are scaled as shown:

- Within 2% of tolerance maximum marks
- Within 2% to 5% of tolerance 50% of marks
- Within 5% to 7% of tolerance 20% marks
- Greater than 7% or not attempted no marks

Subjective Marking

Judges will carry out **subjective marking** in areas of the project where a visual assessment needs to be made.

Description of Judges marking scale where subjective marking is to be used.

Judges Marking Scale	0-10
Perfect	10
Very Good	9
Good	8
Acceptable	7
Sufficient	6
Medium	5
Weak	4
Poor	3
Bad	2
Very Bad	1
Not acceptable/Not attempted	0

EQUIPMENT TO BE SUPPLIED BY THE COMPETITOR

Competitors are responsible for their own tools. It should be noted that all power tools and machinery must comply with OSH regulations and have adequate safety guards and be in what is deemed to be safe operating condition. At the discretion of the officials any suspect piece of equipment may be prevented from being used. Competitors should supply the information listed below.

-Chisels

-Planes: No4, block plane, rebate plane

-Marking Equipment: marking gauge, marking knife, pens, pencils.

-Saws

-Knife

-Hammer

-Measuring Equipment: tape measure, steel rule

-Drill Bits

-Counter Sink Bits

-Screwdrivers

-Sand Paper: 80, 100, 120, 150, 180.

POWER TOOLS

-Battery Drill

-Router

-Trimmer

-Random Orbital Sander

-Power Leads

EQUIPMENT AND MATERIALS TO BE SUPPLIED BY THE ORGANISERS

- Table saw
- One Bench with vice per competitor
- Drill Press
- Horizontal Borer
- Drop Saws
- Biscuit Jointer
- Random Orbital Sanders
- Routers
- F Clamps
- Sash Clamps
- PVA Glue
- Sand Paper: 100, 120, 150, 180.
- Power Leads
- Rags
- Veneer Tape