



# Lake Macquarie Classic Boat Association inc.

*The Adoration of Wooden Boats*

## November 2024



### **?? DOES OUR BOAT IN THE ROOF HAVE POTENTIAL ??**

**The above boat based on 1900 designs but using modern materials is 70 kg .**

**Ours needs a plan and some work to lighten her ..**

The photo uses 13-oz uncoated polyester fabric for the skin although ballistic nylon fabric for covering skin-on-frame boats is now more standard

**18<sup>th</sup> November cockatoo Isl visit This will enable us to inspect the historic Royal Australian Navy motor launch under restoration with the volunteers attending.**

## President \_ Steve Price



### Presidents report

While I was unable to attend the council opening of the skate park and playground, my son was getting married at Mount Tamborine and I figured that took priority, all accounts show that the day went exceptionally well so thank you to all those involved. Our efforts will earn us a \$500 donation from council.

On a more sombre note, a reminder of the need to stay safe. I learned that on Saturday there was an accident aboard the SHF steam tug Waratah. When leaving a wharf one of the crew had placed his foot within a loop of the mooring line on the deck which is easy to do if not paying attention. As the ship started moving the line took up and trapped his leg. The man has lost his leg below the knee! He's a nice bloke, pretty with it as far as procedures etc but it was probably just a momentary lapse of concentration.

The reason I'm telling you this, always be on the lookout for dangerous situations especially in things you do often, the old line "familiarity breeds contempt" is all too true and believe me, it can happen to you so please stay safety aware no matter what you're doing. **Steve**

*Committee meeting minutes Glen has sent out to all members this month and gives members an idea of boatshed committee issues .*

**Our Boatfest/Lakefest 2025:**. Boatfest Sub-committee BC, TP, JM and SP . Date set **15th and 16th February 2025**

2-3 November 2024 **The RMYC Broken Bay Timber Boat Festival** is a great show of classic boats . ( A next year group outing ? ) Over 70 classic wooden boats and lots of displays .

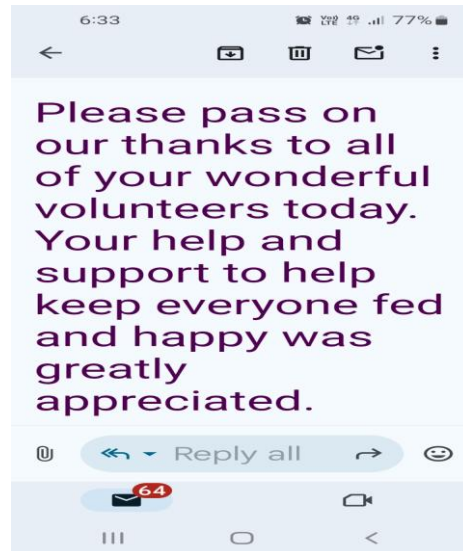
Thursday 5<sup>th</sup> Dec LMCBA Xm as Lunch at Rathmines Bowling RSL

Mon 18<sup>th</sup> Nov Trip to Cockatoo Island . See Glens separate note Cardiff - 7:34 AM

Fassifern - 7:56 AM Morisset - 8:01 AM Sydney Central - 9:55 AM

Tuesday 19<sup>th</sup> 1<sup>st</sup> aid training

**Skate park** Its officially a youth hub, incorporating a skate park, pump track, multicourt and later a bouldering wall . Great work by LMCBA Members in cooking for the public opening . It earned us some \$500 but better still the thanks of the LMCC who sent the following message to our VP Jeff .



## Safety Issues

**First Aid training**: There are 10 volunteers for the First Aid Course. Any more ? be quick as starting soon

### Fire Risk and Safety

We are an enthusiastic group, working with timber and flammable materials to build / repair classic wooden boats.

We need to consider and control the **Hazards!**

ie. Safe storage of flammable materials.

1. Timber – solid pieces, shavings, dust.
2. Epoxy – resins and hardners.
3. Paints – thinners and cleaners.
4. Gas cylinders- BBQ.
5. Other.

### **Controls**

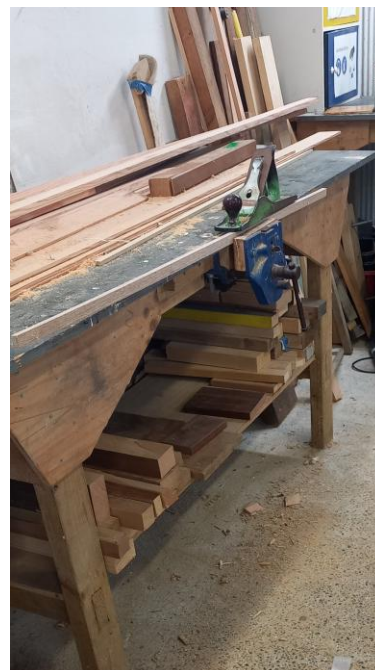
- Storage racks for useful timber and identified.
- Scrap timber to be removed / disposed.
- Hazardous Material Locker compliant and identified.
- Housekeeping- separating flammables and ignition. BBQ gas bottles isolated at bottle. Building risks controlled ie. Overhanging trees and leaves in gutters to be removed.

- Electrical items – isolated when not in use and photoelectric smoke detectors in place.
- Reactive controls – fire extinguishers accessible and tested and tagged. Water supply ( tap and hose ). Fire blanket in place and visible.
- **Emergency ring 000 immediately** and identify location ie. Classic Boat shed behind Rathmines Theatre Hall 12 Stilling St Rathmines 2283 NSW.
- Evacuation Location ( tree south of WS1) trial run with coordinator and attendance sheet.

Be alert, remove it and report it.

Add good example of WS1 bench area housekeeping photo. With Wood neatly stored and bench clear of rubbish to allow clear work access .

( when Irish Eyes are Shining... so are we )





## *The Rowing group*

### The **LMCBA St Ayles Skiff**

Back into rowing after Maintenance. Tuesday and Thursday group have been very active .

Join in ( by being on the helm for part of the row you can grow into your fitness level.) Very Healthy Very Social..

A typical row by the social Tuesday group .



Tuesdays Group at Wangi Point and the trip for that day .

*Proves anyone can do it..*



*Thursday group heading to Cary Bay*

# Projects progress

So Much Quality work on LMCBA projects at the moment

## Petite Brise . (16 ft Gunter Yawl)



Chris and John and Wal in WS2

## Guillimot

Do you want one . Armfield Slipp build one each 2 years and raffle it with trailer and sails . We hope to get some tickets (\$2) from them.

Last years boat *let Graeme B know if you want some*  
([gbishop1@bigpond.com](mailto:gbishop1@bigpond.com))



More progress on the Guillemot Wow this is looking Great . Skill Quality on display





**Joel Motors.** This is a great buy . Special price to LMCBA members.. Joe has also mounted our classic motors on a mobile stand .



**The Canoe Build in WS2 upstairs** This is another quality and unique build



### **Southport Nesting Dinghy**

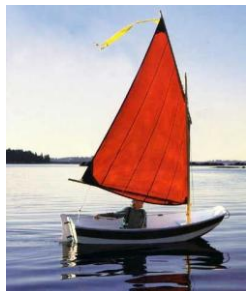


David hard at work on epoxy over runs with the new effective scrapers Pres Steve arranged for each shop .

Nick and Denny and Terry mixing up sanding epoxy for the Fillets .

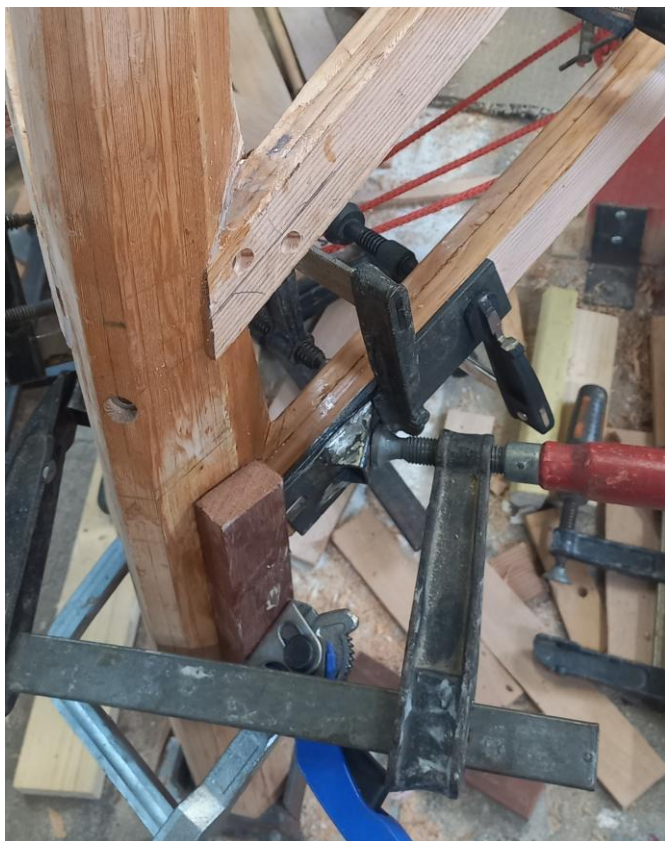
**Nutshell restoration in WS1** no back to WS 2

7'7" Nutshell Pram Glued-lap plywood rowing or sailing tender with plenty of capacity. Designed by Joel White. Built by Nigel Shannon at Shannon Boats from Taree. Wal McC. is running the restoration in WS2. *This is a*



*very pretty little boat*

**TS 16 Build**





## Cockatoo Island

### Visit to Cockatoo Island Dockyard on Monday 18 November 2024

This will enable us to inspect the historic Royal Australian Navy motor launch under restoration with the volunteers attending.

Volunteers at Cockatoo Island continue to use their lifetime of skills to restore the heritage of Cockatoo Island including the No. 2 Travelling Steam Crane .

*The return of the ferry Fitzroy a 1928 ferry not only brings the story full circle but also provides the Harbour Trust with a timely opportunity to preserve Australia's maritime heritage.* Constructed by Cockatoo Island Dockyard apprentices using spotted gum, it was used to ferry dockyard workers to and from the island during the period from 1928 to 1963.. This is being restored at present. As is an RAN Captains Launch built in 1945. Designation- Fast Motor Boat Sydney– 45802. And subject of our visit.



## A few words on EPOXY .

Listening around the shed many comments are made about the perfect resins . Most are correct as all the many suppliers are Wood working resins that comply with the BS standard or equivalent.

The Trojan we generally use is a very well established producer and meets all our general boat building needs.

Facts are .

1. It is a chemical Reaction Epoxy resin has the chemical formula  $C_3H_5ClO^1$ . The backbone of epoxy resin is a chain of oxygen atoms with two carbon atoms on either side, called the "epoxide" The curing process involves the epoxide groups with a hardener. Common curing agents include polyamines, anhydrides, and mercaptans, **which initiate cross-linking, forming a three-dimensional network that imparts the material's exceptional strength .**
2. It's a Chemical reaction and thus needs the reaction to be balanced IE **KEEP the resin to hardeners accurate** , be it a 2:1 or a 3;1 (Trojan ) or a 5:1 (west).
3. Lots of variations often rely on thinners that evaporate away. Thinner penetrate the wood a bit further ,but do leave minute pinholes as they evaporate out..
4. As epoxy cures , a greasy or waxy film known as amine blush is produced. This film is created on the surface of the cured epoxy. This needs to be removed from the surface of cured epoxy .
5. Amine blush is water-soluble, so it's very simple to clean away. All you need to do is spray the affected surface with water, scrub thoroughly using a pad, wipe dry with paper towels and you're done. It's that easy. Although some epoxies are called low blush /bloom why take the risk when a scrub with water will dissolve it . Don't use Metho..
6. **Fillers** . Epoxy is brittle however fillers improve the strength . Glueing fillers such as Cellofil etc improve the strength and are used for glueing . the more dense the filler the greater bonding properties . Less dense sanding fillers are for sanding ease not strength and should be overcoated with epoxy to seal and to improve surface strength . Some Wood powder (fine and clean)is good in a filleting mix for colour, increased tensile strength and is cheap. **Graphite** gives a smooth surface great for hulls . **Talc** is cheap and gives compressive strength to epoxy to reduce brittleness .
7. Additives. Colour and non slip additives are handy as appropriate ..

( info from trojan and West etc info)