

**SEGMENTED MOB MEETING NOTES
MELVILLE CLUBROOMS
Sunday 2 June, 2024**

Present – Syd Harvey, Aiton Sheppard, Stan Nolan, Ross Flint, Ivan Lucic, Jon Braine, Ian Hamilton and Tania Emmerson.

Apologies – Noel Moyes.

WELCOME

Syd welcomed the four of us and after a coffee we adjourned to hands-on for the Dummy Shell Project.

DUMMY SHELL PROJECT

A firm decision is now made to make up dummy artillery shells for the Rottnest Island Authority and we have been successful in having the timber donated by West Pine following Ross Flint's enquiries.



The photo above was taken at our last meeting, but Aiton forgot to include it in those notes. It shows Ross and Syd cutting lengths of West Pine timber for shell casing staves. The timber consists of 35mm thick planks that are more than adequate for this project and more. Today Ross and Ivan laid out the staves for gluing while Stan supervised (photo below).



Ian and Ivan helped assembling and cramping the glued staves (photo on page 3). Ross and Syd also were busy assembling, cramping and gluing (photo Page 4). Stan took it upon himself to do the 'quality control' of the casings after the glue had set (photo Page 5).

Aiton continued sanding rings, many of which will have to be adjusted as the 7.5 degree angles for the 24 segment required for each were not accurate enough. These rings can be saved for further up the projectile where smaller outside diameters are needed. Noel has prepared cutting lists for 24 and 12 segment rings. The smaller diameters at the pointed end of the projectile will suit 12 segment rings, and the larger diameters at the casing end of the projectile will suit 24 segment rings.



SUGGESTED PROJECTS

1. More hands on demonstrations.
2. Jig designs and specifications.
3. WAWA competition items.



AROUND THE TABLE

AITON – advised that his table saw blade is too small for 3.5 high segments so he made up a sled for his bandsaw. One rail and flipping the timber after each cut proved too inaccurate. A second rail was added and hopefully the rest of the rings will be accurate. Photos are at the end of these notes (page 7) Jubilee clips will be needed to cramp segments more firmly. The end grain is sucking up too much glue.

TANIA – is making up a special shell which she will carve with various artillery insignia. It is intended to present this to West Pine as a token of thanks for the donated timber (photo at page 6).

ROSS – suggested that a plaque be made for Tania’s presentation shell.
He will approach Don Clarke, who has a laser engraver, to ascertain if Don is prepared to engrave the plaque.
IAN – offered to research artillery insignia and provide templates to assist Tania with her carving.
JON – brought in his home made ring press to assisted with assembling finished rings for the projectile.





2024 MEETING DATES

JUNE – **Thursday 13** and Sunday 23.

JULY – Thursday 4, Sunday 14 and Thursday 25.

AUGUST – Sunday 4, Thursday 15 and Sunday 25

SEPTEMBER – Thursday 5, Sunday 15 and Thursday 26.

The next meeting will again be hands-on to make up various components – cutting and assembling staves for the shell casing, making up bases from solid timber, and cutting and assembling segmented rings for the projectiles.



