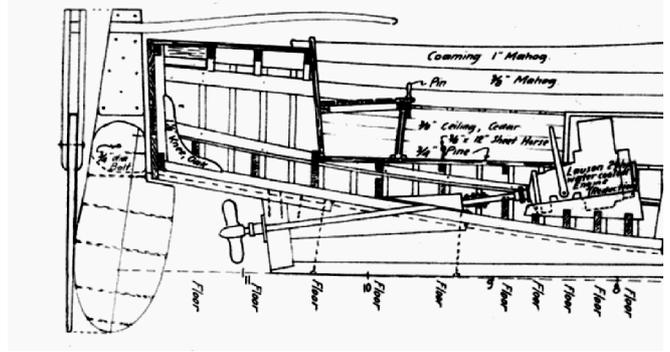


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Newsletter of the
Wooden Boat Guild of Tasmania Inc.
PO Box 28, Battery Point, Tasmania 7004



6th February 2002

Please note the changed date for the first meeting in 2002

*The W B Guild will next meet on Monday 18th February 2002 at the
School of Arts, Hunter Street, Hobart, at 7.30 pm*

“Terra Linna” update

by Andy Gamlin

The Terra Linna was moved from what most would have considered her last resting place on Battery Point beach in November. The exercise was carried out in high adventure by fifteen enthusiastic WBG members all of whom chatted nineteen to the dozen as the old hull was inched towards the waiting briny. Using the huge plastic sheet to receive and wrap the hull was a brilliant success and for a few exciting moments she floated in front of amazed members and flashing cameras.

Once loaded on to the large trailer we were soon under way to Margate. Peter Lindsay’s farm where “Fancy” awaits a restoration program, soon became the new home for “Terra Linna”. She was set up well off the ground while a survey could be organised. The “operation” finally happened as Christmas was approaching; and surveyors Andy Gamlin and Paul Boland began a 7 hour detail data acquisition that amounted to some 700 measurements. Each plank was detailed and coded, as were original and replacement planks. To enable observations to the underside of the hull, both port and starboard, it was allowed to assume a ‘heeled’ attitude for each set of observations.

Observations were also made to ‘control points’ that would be common to both port and

starboard observation sets. The control points placed were 50 mm round head galvanised nails at each end of the keel, tops of stem and stern posts and one under the keel to provide an extra redundancy.

The raw data was printed out and cleaned before the task of adapting land form software to manage the task of producing the three views of a boat hull. New software to handle the task was required and with it a new surveyor was introduced to the program. Michael Giudici is a self taught expert in this software, so with three generations of surveyors working on the project finally an output became possible. But not before each side of the hull was separately rotated within the computer through each of the three axis and brought together using the five control points using a transformation computation.

The output is the first stage of data acquisition before the lines can be faired and sections drawn. The scale chosen was 1:16 which is the same as $\frac{3}{4}$ inch to a foot, a commonly used scale for drawing the lines for boats of this size.



We have bought a new trailer for the TeePooKana. This now makes it easier for members of the WBG and the public to make wider use of our boat.
Contact Millard Ziegler 62 235 472 if you want to borrow it.

Available for hire for members' use is a portable tent/gazebo with a strong metal frame, easy and fast to erect..
The hiring fee is \$5 for a few days.
Contact Ainesley Smith 6239 9533

Meeting dates for 2002

... all on Mondays

18th February

18th March

8th April

13th May

17th June, A.G.M.

8th July

12th August

9th September

14th October

11th November

9th December

Other dates for your 2002 diary

Sunday 24th February is, tentatively, the date to move the Terra Linna into its shed at Peter Lindsay's place, Brookfield, Margate. This is to be confirmed at the meeting on Monday the 18th of February.

Friday 30th August is the President's Dinner.
(The venue is to be announced.)

Monday 9th December is the Christmas dinner.
Suggestions for this year's venue are needed.

Articles are now needed for the next edition of the Rudder. Contact David or Barbara Murphy on (03) 6267 2662 or send your articles to 440 Howden Road, Howden, Tas. 7054 or email them to clearwatertas@bigpond.com

At the next meeting on Monday 18th Feb. the lines of the Terra Linna which have been drawn so far will be presented by Andy Gamlin. Already some preliminary work has been done on gathering information and documenting the history of the boat. It is anticipated that there will be much discussion on the plan of attack for the restoration of it and we request input from all interested parties.

John Kennedy has kindly donated some stainless steel, bronze, brass and copper rods and tubes to the WBG. Those pieces which are not used for the Terra Linna will be available for members' uses.



The Committee:

<i>President</i>	Ainesley Smith	03 6239 9533
<i>Senior Vice President</i>		
	Graeme Hunt	03 6227 8652
<i>Vice President</i>	Millard Ziegler	03 6223 5472
<i>Secretary</i>	Lance Burns	03 6227 9743
<i>Treasurer</i>	Ainesley Smith	03 6239 9533
<i>Committee</i>	Peter Higgs	03 6243 7622
	David Murphy	03 6267 2662