

CONTENTS: Plate Alloy Boats of Australia - Book 3

Forward 11

BLA Catalogue extract125
Simrad 2006 Supplement -Part 173
Simrad 2006 Supplement -Part 2 ...183
Furuno Navnet 2006142

Why Build In Aluminium? 16

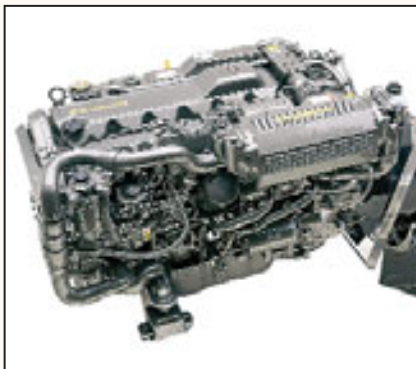
Editor Peter Webster explores the many advantages of building in aluminium, especially if you're looking for a craft with a commercial or hard working application or at the other end of the scale, a custom fit-out.

The 4-Stroke Revolution 22

There's been many new 4-stroke engines released since Book 2 and in this special report we examine the latest releases and who makes which model in the world of 4-stroke engines.

The Best Power Choice 66

An interesting report exploring a number of interesting options that are starting to



emerge given the dramatic change in the cost of diesel and petrol, and the advent of new technology in both diesels and outboards.

Fitting Out For Sportsfishing - A Special Report 40

For most people, a new plate boat is synonymous with the world of fishing. In this special report we go right back to the basics and set-up a critical path to ensure that everything you need to consider in a new fishing boat is thought about right back from the drawing board stage.



The New Australian Builders Plate 46

The National Marine Safety Council is working overtime to introduce a new Builders Plate that will impact on just about every boat built in Australia.

Myths About Grades of Aluminium 58

Brian Poole gets down onto the workshop floor and explains all about the different grades of aluminium.

Welding Machines For The Small Workshop 71

An excellent feature from Brian Poole again, this time exploring the ever changing world and new technology 240-volt AC welders.

Water, Water, It's Everywhere - With A De Sall 68

You could be excused for thinking this was written for politicians, but it wasn't - Chris Wyeth explains in layman's terms, how a desalinator works.

Yep! It's The Throne Zone Alright 77

Nobody else but Peter Webster gets to write about marine toilets and such fascinating topics as sewage discharge, holding tanks and mascerators.

Plate Design By Our Top Architects 83

Here's a terrific update on the latest thinking from Australia's foremost plate alloy naval architects including Phil Curran, Gavin Mair, Jon Kemp, Adam Schwertz and Brian Poole.

Filling, Fairing, Painting - and Paying! 93

This is a long overdue article we've wanted to publish dealing with the true facts of filling, fairing and painting an aluminium boat. This is bound to give many readers a headache as it exposes what is unquestionably the Achilles heel of plate boat building.

Plate Boats On A Budget - Is It Possible? 108

How readers can save, offset or postpone many thousands of dollars of expenditure with just a bit of commonsense and patience.



Good Electrical Planning: 240 AC 116

The first of two major reports by engineer Chris Wyeth, this one deals with the requirements and practice of bringing 240-volt AC onboard into a 12-volt DC environment.

Good Electrical Planning: 12 Volt DC 129

This is the best report we've ever published on this subject. It will explain the mysteries of 12-volt electrics to the layman, brush up the professionals' understanding of more recent technologies, and lay the foundation for a better understanding of this vital subject for the entire plate industry.

Salty 27 Fitting Out Program 154

It's taken nearly 2 years, squillions of dollars, much heartburn, pain and no little frustration to develop and finish the first Salty 27, the forerunner to a new range of high quality production plate aluminium boats.

Galley Considerations	158-159
LP Gas Hot Water System	160
LP Gas BBQ	161



'Tudor' LP Gas Oven	162
Oze Eutectic Freezer	163
Oze Eutectic Refrigerator	164
Cork Cockpit, Timber Trim	165
S.S. Davit, 12v Winch	166
S.S. Targa, Aerial Rack	167
Lewmar Hatches	168
BP Solar Panels	169
All-Weather Covers	170-171
Secure Rod Racks	172
Lectrosan Toilet System	174
Xenon Underwater Lights	176
Transom Duckboard Set-up	177
Whips For Dory	178
BEP Fuel Sender	179
Shower, Head Plumbing	180
Entertainment Centre	182

Aluminium Boat Trailers:

Inroads At Last 191

It started as a trickle, is building into a tidal wave - the advantages of aluminium in boat trailer engineering are overwhelming, and they need not be any more expensive than a traditional galvanised steel model.

Choosing The Right Builder - It's Harder Than Ever! 201

We list 25 of Australia's top plate aluminium boat builders and take a snapshot of their preferences, experience and plans, for you to consider on your new boat shopping list.

Alucraft	201
Ally Craft	202
AMM	203



Bar Crusher Boats	204
Barrington Marine	205
Cairns Custom Craft	206
DownUnder Boats	207
Fisher Boats	208
Gold Star Boats	209
GS Marine	210
Joshua Boats	211
Lazercraft NZ	212
Plate Alloy Australia	213
Rebel Boats	214
Riptide	215
Salty Boats	216
Sea Jay Boats	217
Sea Storm	218
Space Craft	219
Specmar Australia	220
Stagg Boats	221
TABS Boats	222
Trailcraft	223
Yamba Welding	224

Stray Notes From Our Fitting Out Logbook 226

At the end of this production, and having fitted out several boats since PAB-Book 2, we have all sorts of interesting pics and comments that we'd like to share with our readers that really don't justify a whole chapter or page - hence we present a pot-pourie of bibs and bobs at the very end for you to consider and enjoy.

PAB-3

Readers Please Note:

PAB's office is often unattended for periods of up to ten days, but the phones and e-mails are still monitored and where possible, answered each day. So don't just hang up - use the system - please leave a message!

PAB/F&B WEBSITE
www.seamedia.com.au

PAB/F&B Editorial Enquiries
info@seamedia.com.au

Reader e-mail
info@seamedia.com.au

SUBSCRIPTION e-mail
subs@seamedia.com.au

Reader/ADMIN FAX
(07) 5577 5948

READER Postal Service
PO Box 98 Paradise
Point, Queensland 4216

Publisher: SEA Media Pty Ltd
Advertising/Accounts: Ruth Cunningham
Editor/Production Peter Webster
Additional Contributors: Chris Wyeth and Brian Poole
Proof Reading Mary Webster
IT Consultant Todd Dixon

PAB-3/F&B Office Address
(Couriers only - Don't Post Here)
Suite 3, Level 2, Runaway
Bay Marina, 245 Bayview St.
Runaway Bay, QLD 4216

Material in this publication must not be stored or reproduced without permission. Requests for permission should be directed to the Publisher. Editorial contributions, including colour transparencies on all aspects of fishing and boating (in Australia only) are welcomed, but **prior discussion with the Editor is suggested**. All manuscripts, photographs and other material submitted must be accompanied by a stamped, self addressed envelope. Contributions - **especially unsolicited cartoons** - are submitted at the sender's risk, and SEA Media Pty Ltd cannot accept responsibility for loss or damage. Articles reflect the personal opinion(s) of the author and are not necessarily those of the publisher.

© Copyright 2006 Sea Media Pty Ltd
ABN 61 057 581 325

News Agent's Distributor:
NewsAgents Direct (NDD)
**\$19.95

Recommended & Maximum Retail Price Only

Advertising Information
www.seamedia.com.au

Administration
(07) 5577 5700