



BALLARAT CITY ROWING CLUB

Established 1870

BOAT & BOATSHED STRATEGY

MARCH 2018

Prepared by: Annette Weir

Reviewed: 2nd July 2018

Purpose

This document outlines a 5 year strategy for the acquisition and turnover of rowing equipment owned by Ballarat City Rowing Club (BCRC), and subsequent modifications to the boatshed storage area to accommodate growth of the fleet. Key goals at the end of the period is for the club fleet to grow in line with envisaged increase in membership, to provide a categorised equipment model catering for a range of weight ranges and rower ability, and overall improvement to the quality of the fleet.

Current State

Current shed racking configuration is at capacity, with approximately 40% of private boats stored in the shed sitting unused for 12 months or more.

Boat Type	Club	Private
Single scull	3	26
Double / Pair	5	2
Quad / Four	8	1
Eight	1	-
Other (kayaks)	-	3

Of the club equipment, 6 of 17 boats are equipped with quick release and suitable for a double-racking configuration. 4 tub boats ('Lynne Gibbons' 1x, 'Don Cochrane' 1x 'Normangow' 2+ & 'Colin Angow' 4+) are utilised on a regular basis by the learn-to-row programs, and are in a reasonable condition to continue serving in such purposes. Conventional rigged boats 'Lyle Brothers II' 2x/-, 'CHW' 2x, 'CHW' 4x+, 'Kate Elliot' 4x-, 'Young Brothers' 4x- are all regularly utilised so future racking should accommodate these boats, with the intention of boat turnover in the 3-5 year timeframe. The Sykes Timber pair in the northern bay, and timber four in the south bay are recommended for removal in the near future due to lack of envisaged use.

Proposed future state

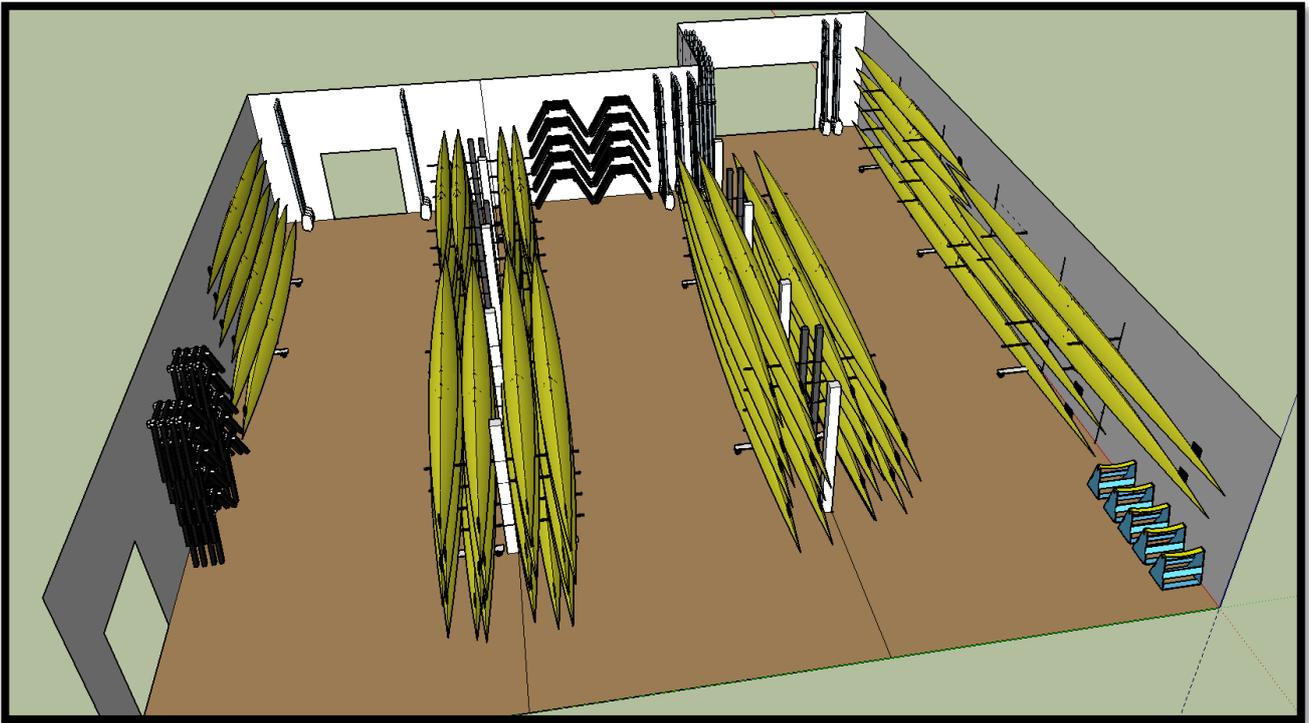
For the ability to accommodate a steady growth of membership the club needs to increase the number of seats, recommended at minimum 0.5 seats / member. To enable this the club needs to increase its racking capacity, and the easiest way to do this is by double-racking of boats, which inevitably comes with the requirement that future boat purchases should come with quick-release capability where practical.

Below are schematics of two proposed racking configurations for the boatshed. Key design points:

- Racks running along wall space to be designed for conventional rigged boats (or boats to remain rigged)
- Removal of the current workbench in the NE corner – new 'workshop' to be constructed in one of the two foyer rooms.
- Car cradles and miscellaneous equipment to be stored in the alternative foyer room
- Allowance has been made for rigger storage, however in the event of shortage of wall space, movable rigger trolleys can be fabricated with a capacity of 40 riggers each (see Leichardt RC).
- Single scull trolley to be either removed or re-designed as an oar-storage rack
- No allowance for kayaks or SUPs – potential for overhead sling-style racking

Proposed shed modifications (boat storage)

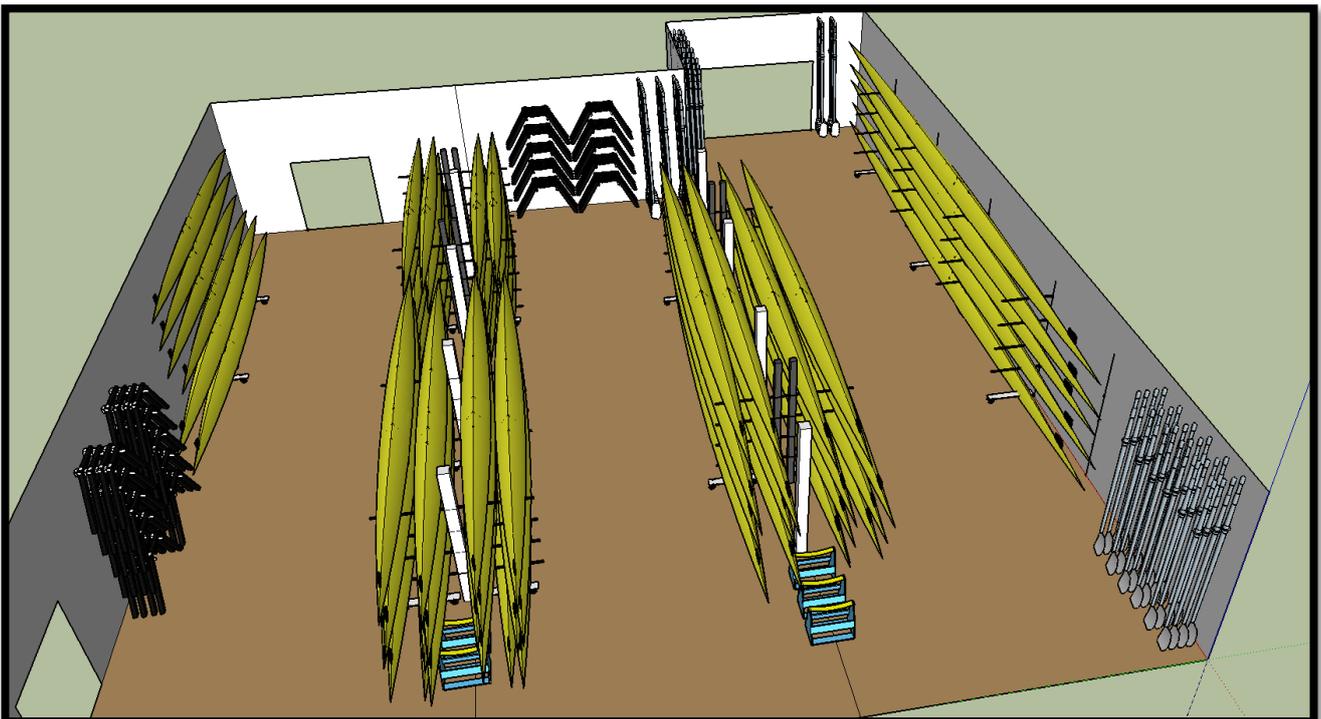
Configuration 1:



This configuration has the capacity to accommodate a total of 71 racked boats in the shed:

Boat Type	Rigged	Quick Release
Single scull	6	20
Double / Pair	6	16
Quad / Four	4	16
Eight	3	-

Configuration 2:



The second configuration increases the number of eights stored along the southern wall, reducing the total racked capacity at 69 boats and in turn increasing wall space for oar storage:

Boat Type	Rigged	Quick Release
Single scull	6	20
Double / Pair	4	16
Quad / Four	2	16
Eight	5	-

The number of conventional rigged boats in the club’s fleet would be able to be retained with configuration 1, however the prospect of future collaborations with ACU could see demand for 5 eight rack spaces. The recommendation is for initial racking construction to align with configuration 1, with minor modifications to align with configuration 2 when the demand for more eights becomes apparent and more conventional rigged boats have been turned over.

Boat Acquisitions

Whilst it is impossible to accurately predict the state of the membership (incl. weight distribution and skill level), the following list of purchases is targeted to fill gaps in our current fleet based on majority of members falling within the mid-weight crew range. Opportunities may also arise where an advantageous purchase or sale presents itself, but may not align with the acquisition strategy. This document should be treated as a guide to help with decision making, however final decision will always lie with the Committee who will determine whether the purchase can meet club requirements.

Consideration needs to be made for the number of heavyweight rowers in the club (90kg+), acknowledging lighter members can row heavy-weight boats, however heavier members cannot row in lighter weight boats. If the number of heavier rowers were to increase then the acquisition strategy needs to be adapted to reflect this.

The appendix at the end of this document tables the boat fleet in current and proposed future states.

1 – 3 year acquisitions

- 3 x mid-weight single sculls (RT) \$7000
- 1 x heavy weight single scull (assuming the loan of the Ted Hale 1x continues) – (RT) \$3000
- 2 x mid-weight double/pairs (1 x RT + 1 x R) \$12,500
- 1 x heavy weight double/pair (RT) \$10,000
- 1 x mid-weight coxless quad (R) \$16,500
- 1 x mid-weight eight (RT) *Market depending*

Budget spend allowance of \$65,000

5 year acquisitions

- 1 x Lightweight scull (RT) \$2500
- 1 x heavy weight single scull (RT) – turnover Ted Hale 1x \$2500
- 1 x mid-weight double/pair (RT) \$6000
- 1 x lightweight double/pair (RT) – turnover CHW 2x \$6000
- 1 x mid-weight coxed quad/four (R) *Market depending*
- 1 x heavy weight coxless quad/four (R) – turnover Young Brothers *Market depending*
- 1 x heavy weight eight (RT) *Market depending*

Budget spend allowance of \$65,000

Depending on the membership distribution, lightweight boat purchases should be considered once the above has been filled.

Private Boat Storage

Proposed future state would see the club in possession of 10 x singles, 9 double/pairs, 11 quad/fours and 3 eights. This would make available the following spaces for private members or other tenants to occupy:

Boat Type	Rigged	Quick Release
Single scull	4	12
Double / Pair*	4 / 2	9
Quad / Four	2 / 0	7
Eight	0 / 2	-

*In the event of surplus 1x storage requests, double/pair spaces could be utilised.

Due to the high number of private boats stored in the shed but not utilised, it is recommended that a storage fee be introduced at the beginning of the 2018-19 season to act as a deterrent to those members not using their equipment, whilst other members sit on a waiting list for rack space.

Oars

Current number of oars owned by the club appears to be sufficient for the membership, offering a range of grip sizes and gearings. As the fleet increases, consideration for additional oar purchases may be required.

Associated rowing equipment

Ergometers

The club has recently purchased a number of new ergometers bringing up the standard of the erg fleet, which appears adequate for the current membership base. Additional ergometer purchases may need to be considered if demand increases.

Coxbox units

The club also recently purchased a second coxbox unit, however a shortfall in these may arise as participation increases. Recommend to purchase an additional 1-2 units over the next 5 years.

Motor Boat

Recommended that the club look at purchasing a second motor boat within the next 2-5 years. [Update: 2nd motor boat purchased in June 2018]

Boat Trailer

Recommended that the club look at purchasing a second larger boat trailer within the next 1-3 years. Increasing boat demand has seen the club borrow trailers from other Ballarat clubs/schools to get equipment to regattas. Existing trailer is too small for the current level of participation however is suitable to be retained for events where only a small number of members attend.

Current storage location of the trailer is also exposed to the weather and we are seeing accelerated deterioration of the trailer. Club needs to investigate longer term storage options and whether investment is required to provide weather proofing.

Appendix: Boat current and future state overview

Current State

1x			2x / -			4x+ / 4+			4x- / -			8+		
Weight	Category	Name	Weight	Category	Name	Weight	Category	Name	Weight	Category	Name	Weight	Category	Name
MW1x	T	Dave Johnson	MW 2x/-	RT	Rachael Taylor	MW 4x+/-	T	Parents Rose	MW4x/-	T	Kate Elliott	MW8+	T	Lawrie Family
MW1x	T	Ausrowtec 1x	MW 2x/-	T	Timber pair	MW 4x+/-	T	Jordan O'Keefe	MW4x/-			MW8+		
MW1x			MW 2x/-			MW 4x+/-	RT	Robert Lawrie	HW4x/-	RT	Young Brothers	HW8+		
MW1x			MW 2x/-	RT	Wintech 2x	MW 4x+/-	T	CHW 4x+	LW4x/-					
HW1x	T	<i>Ted Hale (private on loan)</i>	HW 2x/-	T	Lyle Brothers II	HW 4x+/-	RT	Swift 4X+/-						
HW1x			HW 2x/-			LW 4x+/-								
LW1x			LW 2x/-	T	CHW 2x	Tub 4+	T	Colin Angow						
LW1x			LW 2x/-											
Tub 1x	T	Lynne Gibbons	Tub 2+	T	Norm Angow		T	<i>Derigged timber</i>						
Tub 1x	T	Don Cochrane						4+						

1 - 3 years

1x			2x / -			4x+ / 4+			4x- / -			8+		
Weight	Category	Name	Weight	Category	Name	Weight	Category	Name	Weight	Category	Name	Weight	Category	Name
MW1x	T	Dave Johnson	MW 2x/-	RT	Rachael Taylor	MW 4x+/-	T	Parents Rose	MW4x/-	T	Kate Elliott	MW8+	T	Lawrie Family
MW1x	T	Ausrowtec 1x	MW 2x/-	RT	TBP - Geelong Grammar	MW 4x+/-	T	Jordan O'Keefe	MW4x/-	R	TBP Ex-AIS	MW8+	RT	TBP
MW1x	T	TBP	MW 2x/-	R	TBP	MW 4x+/-	RT	Robert Lawrie	HW4x/-	RT	Young Brothers	HW8+		
MW1x	RT	TBP	MW 2x/-	RT	Wintech 2x	MW 4x+/-	T	CHW 4x+	LW4x/-					
HW1x	T	<i>Ted Hale (private on loan)</i>	HW 2x/-	T	Lyle Brothers II	HW 4x+/-	RT	Swift 4X+/-						
HW1x	RT	TBP	HW 2x/-	RT	TBP Ex-AIS	LW 4x+/-								
LW1x			LW 2x/-	T	CHW 2x	Tub 4+	T	Colin Angow						
LW1x			LW 2x/-											
Tub 1x	T	Lynne Gibbons	Tub 2+	T	Norm Angow									
Tub 1x	T	Don Cochrane												

5 years

1x			2x / -			4x+ / 4+			4x- / -			8+		
Weight	Category	Name	Weight	Category	Name	Weight	Category	Name	Weight	Category	Name	Weight	Category	Name
MW1x	T	Dave Johnson	MW 2x/-	RT	Rachael Taylor	MW 4x+/-	T	Parents Rose	MW4x/-	T	Kate Elliott	MW8+	T	Lawrie Family
MW1x	T	Ausrowtec 1x	MW 2x/-	RT	TBP - Geelong Grammar	MW 4x+/-	T	Jordan O'Keefe	MW4x/-	R	TBP Ex-AIS	MW8+	RT	TBP
MW1x	T	TBP	MW 2x/-	R	TBP	MW 4x+/-	RT	Robert Lawrie	HW4x/-	RT	TBP	HW8+	RT	TBP
MW1x	RT	TBP	MW 2x/-	RT	Wintech 2x	MW 4x+/-	RT	TBP	LW4x/-					
HW1x	RT	TBP	HW 2x/-	T	Lyle Brothers II	HW 4x+/-	RT	Swift 4X+/-						
HW1x	RT	TBP	HW 2x/-	RT	TBP Ex-AIS	LW 4x+/-								
LW1x	RT	TBP	LW 2x/-	RT	TBP	Tub 4+	T	Colin Angow						
LW1x			LW 2x/-											
Tub 1x	T	Lynne Gibbons	Tub 2+	T	Norm Angow									
Tub 1x	T	Don Cochrane												