

"THE CHUM."**Fine New Motor Boat.****By Norman.**

The sport of yachting should receive a useful advertisement from the Australasian motor boat championship, to be decided at the Outer Harbour next Saturday. Of the thousands who will watch the race there will surely be many to whom the possibilities of yachting on the Port River and its vicinity will appeal for the first time. In the season of 1913-14, Mr. E. A. Johnstone (the Yacht Squadron's present rear commodore) was bitten with the idea that he would take up yachting. It not being his habit to let the mangoes grow under his feet, before the season was out Richard Searles had re-erected and built for him the Helen. Now, the Helen should be good enough for any man, but, as is often the case with boatowners when they become possessed of something really good, the very excellence of the Helen has prompted her owner to see if he couldn't get something still better! Searles may well consider it a fine tribute to his skill, not only as a builder, but also as a designer that Mr. Johnstone again entrusted him with the job of filling his requirements. There is now approaching completion at Ross's joinery works, Woodville, the motor yacht Chum. She has yet to be christened, but that is to be her name.

The Construction.

She is of the latest type of bridge deck cruiser, with tumble home semi-torpedo stern—a type that has found great favour in American and European waters. Her length between perpendiculars is 45 ft., extreme beam 11 ft. 3 in.; draught, 3 ft. 6 in. The planking right through is $\frac{1}{2}$ in. the bottom being of jarrah and the tonsoles of Oregon, all packed. The knees were specially selected by Searles, from the Mount Crawford Forest. The timbers are steam bent, 6-in. centres, double-strapped throughout the keel from stern to stern. The keel is in one piece of 12 in. x 8 in. jarrah. The cockpit, from which the main cabin is reached, is capable of seating 10 passengers, and is provided with a permanent wooden awning. The main cabin is 13 ft. 9 in. by 10 ft. 3 in., with 6 ft. 3 in. headroom from floor to underside of deck beams; and has sleeping accommodation for four. The panelling is in Queensland maple, like the rest of the cabin furnishings, all selected timber, beautifully marked and finished in natural colour. A water-tight bulkhead

timber, beautifully marked and finished in natural colour. A water-tight bulkhead separates the engine room, man's quarters, and galley from the main cabin, and this should have the effect of minimising, as much as possible, the noise from the engine when under way. It should also effectually prevent the odours from the cook house giving too broad a hint as to what is on the menu for the day.

All Detail Considered.

The bridge deck and look-out are covered by a permanent wooden awning and fitted with heavy plate-glass windows. The deck is canvas covered throughout to ensure water tightness. The dinghy will be carried in davits on the port side. A single mast stepped abaft the wheelhouse will carry sufficient sail to take occasional advantage of some of the good wind that so frequently goes to waste nowadays. Ventilation is amply provided for by 18 ports, and from the deck by three lobster back (or cow) ventilators. The fresh-water tank will carry 120 gallons and the fuel tanks are of such capacity as will permit of extended cruising. All hardware was supplied by Simpson Lawrence, of Glasgow, Tiebout and Co., and Carpenter & Co., New York. The castings, done locally, are by Grestorex, Port Adelaide. The engine is a 40-h.p. four-cylinder four-cycle valve-in-head Frisby, with two separate systems of ignition, and capable of running on petrol of kerosene or a combination of both. It is equipped with a selfstarter, bilge pump, and generator to furnish electric light. The speed expected is 10 knots.

Good Luck.

Searles's present intention is to launch Chum on Monday next. She will be a striking addition to the squadron's fleet. The boat, as a whole, is a credit to the man who designed her and to those who assisted him to build her. Her owner is to be congratulated on his enterprise. His latest effort cannot but make for the good of the sport, and there is no one among the many who know Mr. Johnstone's love for the game who will not wish Chum good luck and a long and successful career.

It is announced officially that on the occasion of the motor boat championship race on Saturday, a fine view of the event will be obtained from the wharf, which has a frontage of 2,400 ft. A small area at the southern end of the wharf will be roped off, and an entrance charge will be made. The balance of the wharf will be available to the public free of charge.