



## AUSTRALIAN MADE DIVING EQUIPMENT!

THE "Porpoise" Diving Apparatus has been designed to meet the need for a simple and safe, yet thoroughly efficient compressed air diving unit, suited not only to the requirements of the professional diver, but also to the amateur underwater sportsman.

The "Porpoise" is well suited to many practical everyday diving tasks, such as quick examination of ships' hulls, the clearing of fouled propellers and routine operations concerned with general underwater repairs and investigations. A further important application to which the "Porpoise" can be put, is that of lifesaving, and for this reason, its adoption by all Surf and Lifesaving Clubs has been strongly recommended.!

The "Porpoise" is the result of extensive research and trials by a group of underwater technicians. These experts have designed equipment incorporating a number of entirely new features calculated to enhance the safety of the wearer and the efficient functioning of the mechanism.

- (i) *Entirely Automatic.* An adequate flow of air is supplied to the mouthpiece, regardless of change of depth, without necessitating the manipulation of any valves or controls. Thus both hands are left entirely free for all underwater activities.
- (ii) *Safety Factor of Air Supply.* A design feature of the reducing valve is such as to check the air supply when the air cylinder approaches exhaustion. The diver is then able to operate an emergency valve which will assure him of a reserve air supply to allow him ample time to reach the surface.

Each unit is supplied complete with a High Pressure Testing Gauge, Wrist Depth Gauge, Adjustable Spanner, and a Nose Clip, all conveniently packed in a hard-wearing fibre carrying case with locks and keys. "Porpoise" equipment is distributed by R. Wallace Mitchell Pty. Ltd., 303 Collins Street, Melbourne, Victoria. An illustrated catalogue is available on request.

Advertising editorial from "Outdoors  
and Fishing" magazine March 1954

(©Mel Brown Collection)

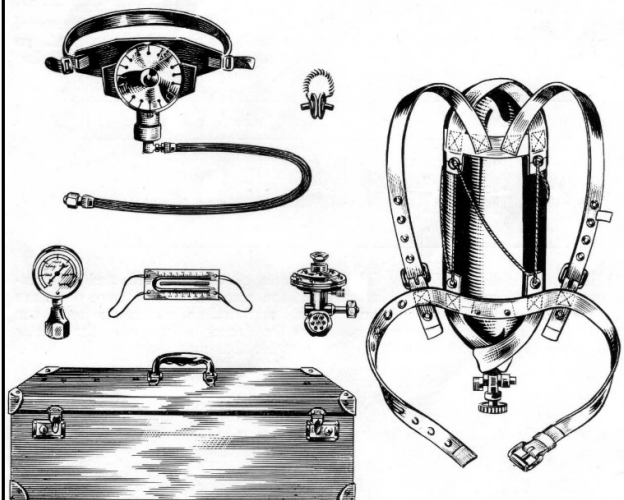


Above: Quite rare these days, an original *Porpoise* fibre carry-case and its contents as advertised in the article on the left

(Tony Gregory Collection)



Below:  
The complete *Porpoise* scuba outfit and fibre carry case with specifications. Showing the early strap harness and 40 cu ft cylinder worn by the model, left



### Specifications:

Cylinder capacity = 40 cubic feet at 1800 p.s.i.  
Reducing valve pressure = 40 lbs. p.s.i.  
Demand valve pressure = 2 oz.  
Cylinder, hydrostatically tested to 3000 p.s.i.  
Low pressure hose tested to 400 p.s.i.