

GENERAL INDUSTRY

Dr Derek Rogers

Dr Derek Rogers has developed a flexible, low cost, reliable mission system for an Unmanned Surface Vessel (USV), with applications such as fighting oil rig fires, clearing mine fields, performing oceanography and hydrography, shark patrols and port security.

It works within existing maritime safety regulations. They have moved away from custom boats to rigid hulled inflatables, making it easier for the navy to trial and adopt the technology.

"Independent market research reports estimate the USV market at between US\$3.8 bn and US\$6.1 bn," says Dr Rogers. "But my own market validation suggests this could be an underestimate."



Unmanned Surface Vessel

Head, Centre of Excellence in Autonomous Vessels,
Saab Australia. BE (Elec), University of Adelaide

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