

# State-of-the-art polar research vessel, the RRS Sir David Attenborough and the MarineNav connection.



Photo credit: © Rolls-Royce. Artist's impression of RRS Sir David Attenborough

**“This vessel will carry the Attenborough name for decades to come, as it fulfills its mission to explore the oceans and put Britain at the forefront of efforts to preserve our precious marine environment.”**

Universities and Science Minister  
Jo Johnson

MarineNav technology was on display in Birkenhead UK at the RRS Sir David Attenborough public ceremonial naming at Cammell Laird Shipyards.

An ongoing construction process gained global recognition through public initiatives, which included a public call for submissions to name the new research vessel. It was determined the research vessel would be named after renowned

naturalist and broadcaster Sir David Attenborough. One of the vessels on-board sub-sea vehicles was awarded the popular contending name “Boaty McBoatface”.

The high profile ceremony was the culmination of a multi-year campaign focusing on the state-of-the-art £200 million polar research vessel. The royal ceremonial naming was



Running on a MarineNav marine computer FarSounder's longest range sonar system FarSounder-1000 is the latest addition to the RRS Sir David Attenborough



Rutter's sigma S6 systems running Ice Navigator™, and integrated sigma S6 Oil Spill Detection and WaMoS® II Wave and Surface Current Monitoring will provide imaging and detection for safe navigation in polar seas and the collection of data essential for scientific research

attended by the Duke and Duchess of Cambridge (Prince William and Kate Middleton), dignitaries, members of government and members of the scientific community. An accompanying public exhibition showcasing the important work of the British Antarctic Survey focused on marine technology and engineering with MarineNav's Oceanus Pro ROV system on prominent display at one exhibitor kiosk.

Built to replace two existing vessels, the UK government first announced construction in 2014 as a state-of-the-art addition to the British Antarctic Survey (BAS) fleet. Designed to provide improved ice breaking capabilities, the Sir David Attenborough will provide greater

endurance over existing polar research vessels with the ability to collect samples and data from the deepest waters of the Arctic and Antarctic. Launching later this year, and in full operational service in autumn 2020, the Sir David Attenborough will be one of the most sophisticated floating research laboratories working at the poles.

As a Canadian company, MarineNav is proud to be a trusted partner with Rutter Inc. and Farsounder, supplying marine grade computer systems to run sophisticated proprietary hardware and software essential to the important mission of this polar exploration vessel, now and for many years to come.



Sir David Attenborough photographed next to 1:100 scale model of UT 851 Polar Research Vessel for Cammell Laird. Photo credit: ©Scale Models Weston



MarineNav's Oceanus Pro ROV on display, Cammell Laird Shipyards.



MarineNav's Oceanus Pro ROV on display, Cammell Laird Shipyards.

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