

# **babcock**<sup>TM</sup>

A global leader in  
submarine sustainment,  
nuclear safety and  
asset stewardship







Maintaining  
**100%**  
of the Royal Navy's  
nuclear submarine  
fleet

Manufacturing  
for the **UK  
Successor  
and US  
Ohio Class**  
submarines

Managing  
**2/3rds**  
of the Royal Navy's  
nuclear base  
infrastructure

## 50+ YEARS IN SUBMARINE SUPPORT

### A rich history of nuclear safety and stewardship

Babcock has a long-standing and proud heritage in nuclear safety and stewardship in the civil and military sectors. We have supported the Royal Navy's nuclear submarine capability for more than 50 years.

Cavendish Nuclear, a wholly owned subsidiary of Babcock, plays a key role in the UK civil nuclear industry, conducting environmentally secure and safe stewardship of all aspects of the nuclear energy life cycle.

### Design, engineering and production

Babcock proudly supports the UK Royal Navy's nuclear submarine design, acquisition, sustainment, training and regulatory compliance programs.

We also currently support General Dynamics Electric Boat in the manufacture of tactical missile tube assemblies as part of the UK Successor and US Ohio Class replacement submarine programs.

Babcock stands ready to support AUKUS through the transfer of valuable skills, expertise, industrial capability and intellectual property from our international operations to enhance Australia's sovereign Defence capability.

### Maintaining 100% of the Royal Navy's nuclear submarine fleet

Babcock sustains the entirety of the Royal Navy's nuclear-powered submarine fleet, including the delivery of through-life support and life extension of the Vanguard, Trafalgar and Astute Classes.

Babcock has extensive experience of Life Extension programs, including the UK's Vanguard Class submarine and the Victoria Class submarine in Canada. This Life Extension work has ensured that the platform systems, equipment and components will achieve the required life extension, and deliver the functionality and availability to meet extended end of life dates.

### Managing 2/3rds of the Royal Navy's nuclear base infrastructure

Babcock manages HMNB Clyde and HMNB Devonport (Plymouth) – two of the UK's three naval bases – which comprise the operating ports of the Royal Navy's submarine fleet. These unique facilities enable us to undertake 100% of deep maintenance, in-service maintenance, in-service support and through life management of the UK fleet of nuclear-powered submarines.

## SUBMARINE DESIGN AND DELIVERY

### Submarine systems design and integration

Babcock's system delivery includes a range of products that can be configured to suit customer requirements such as Weapon Launch Systems, Weapon Handling Systems, Internal and External Countermeasure Launchers (including a Submerged Signal Ejector), Communications Buoy Deployment Systems, Life Rafts and Training Rigs with a range of functionality.

Babcock is the delegated design authority for key mission critical systems on all classes of UK submarines as well as the Spanish S80, South Korean Jangbogo III class, and the Victoria Class in Canada.

### Submarine design for sustainment

Babcock's role in the UK submarine enterprise as the in-service support partner ensures design considerations are made in the early stages of the lifecycle resulting in reduced through-life platform and support costs and increased availability and capability.



Designed for  
**sustainment  
and mission  
assurance**

Operate under  
both civil and  
defence nuclear  
**regulatory  
frameworks**



# SUSTAINMENT AND STEWARDSHIP

## Sustaining critical systems for the Collins Class submarine

As part of our long and successful partnership with ASC, Babcock plays an important role in the ongoing sustainment and future capability of the Collins class submarines.

We are the designer, manufacturer and maintainer of Collins Class Submarine Systems. Babcock undertakes repair, refurbishment and replacement of key systems and components, and provides engineering support throughout their life cycle.

Babcock delivers these critical sovereign capabilities through local workforces and facilities in Osborne, South Australia and in Henderson, Western Australia, and with a wide range of domestic suppliers.

## Nuclear facilities and licencing

As the trusted manager of two of the UK's three naval bases, Babcock operates the UK's only licenced facility for refitting, refueling and defueling nuclear submarines.

Babcock's leading role in the defence nuclear enterprise enables us to plan, develop, operate and decommission a sustainable infrastructure solution. We work with local and national agencies (including both defence and civil regulators) to ensure its continuing safe operation.



**Extensive  
engineering  
expertise**

Supporting  
**global**  
submarine  
operations



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## About Babcock

Babcock is an international defence company operating in our focus countries of the UK, Australasia, Canada, France and South Africa. We support and enhance our customers' defence capabilities and critical assets and we meet our customers' requirements of value for money, increased availability, modernisation and flexibility.

Backed by decades of experience in Defence across the globe, we are the premier warship sustainment company in Australasia, and a proven and trusted leader in submarine sustainment, nuclear safety and asset stewardship.

## Contact us

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