



SUBMARINE PRODUCTION TEAM (SMP)

The Submarine Production Team (SMP) consists of a mixture of both civilian and Royal Navy personnel based in Abbey Wood and at the Prime Contractor's site at Barrow-in-Furness.

The role of the team is to deliver Astute Class capability which includes the delivery of seven Astute Class platforms, the provision of bespoke Astute Class training through an ACTS PFI arrangement to ensure that the crews are trained to operate and maintain the platforms, and the initial Support Solution to ensure that the Astute Class platforms can be supported as they move from build and transfer to In Service routines.

The team's main objectives are:

- Deliver capability to the Fleet
- Maintain an affordable seven-boat Astute programme
- Improve productivity through the delivery of the Submarine Enterprise Performance Programme (SEPP) underpinned by commercial arrangements
- Sustain production and deliver transition to In-Service Submarines

About the Astute Class

The MOD is committed to delivering seven Astute Class submarines, as confirmed in the 2010 Strategic Defence and Security Review (SDSR).

The Astute Class submarines provide a unique and critical defence capability, including anti-submarine and anti-surface warfare, protecting the UK's nuclear deterrent, land attack and intelligence gathering. Royal Navy submarines have made a vital contribution to the defence of the UK and our interests overseas, and the Astute Class will continue in this role for many years to come. They are the biggest and most advanced attack submarines ever ordered by the Royal Navy. They have improved capability for worldwide operations, much greater firepower, better communications, and a higher standard of crew accommodation than earlier classes of submarines. With advanced stealth technology, the Astute Class has been designed to be quieter than any of her predecessors and very hard to detect.

The Prime Contractor for the Astute submarine programme is BAE Systems Maritime – Submarines. Their shipyard facility in Barrow-in-Furness remains the UK's centre of excellence for submarine design, construction, integration and commissioning.

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FUTURE SUBMARINES PROJECT TEAM (FSM PT)

The Future Submarines Project Team (FSM PT) is charged to deliver a new class of Ballistic Missile Submarines (SSBN) to replace the four Vanguard Class SSBNs currently in service.

In March 2007, Parliament voted to support the Government's plans to renew the UK's independent strategic nuclear deterrent through the replacement of the four Vanguard Class ballistic missile submarines (SSBNs), with a class of new 'Successor' SSBNs.

Following early concept work, the MOD announced, on 18 May 2011, the start of a five-year long £3 billion Assessment Phase, the main purpose of which was to refine the design of the submarine and capture the associated costs leading up to an investment decision in 2016.

In July 2016 Parliament voted to take the necessary steps to maintain the current posture by replacing the current Vanguard Class submarines with four Successor submarines.

On 21 October 2016 the Queen approved the name HMS Dreadnought for the Successor First of Class.

As of 3 April 2017, the Dreadnought Programme became part of the Submarine Delivery Agency (SDA), marking the start of its transition to Executive Agency status by April 2018.

For more information, visit: <https://www.gov.uk/government/policies/uk-nuclear-deterrent>

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Future Submarines PT

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NUCLEAR PROPULSION PROJECT TEAM (NP PT)

The Nuclear Propulsion Project Team (NP PT) works collaboratively with its industry partner Rolls-Royce to support the Naval Nuclear Propulsion Programme (NNPP) by delivering safe, reliable and militarily effective Naval Reactor Plant (NRP) throughout the life-cycle via a number of projects that are at different stages of the CADMID cycle.

These projects aim to support the Front Line Command's availability requirements by:

- Optimising the use of time in upkeep/maintenance.
- Managing equipment and NSRP spares to meet submarine programmes.
- Minimising NSRP operating constraints.

The NP PT supports the Successor nuclear deterrent submarine programme through the management of technology development, concept design analysis and capability sustainment initiatives for future nuclear propulsion plant. The NP PT is committed to doing everything it can to reduce the cost of MOD nuclear ownership.

The Head of the NP PT is also the Naval Reactor Plant Authorisee (NRPA). The role of the NRPA is to ensure the safe operation of the Naval Reactor Plant at sea and for the control and management of the NRP design requirements through life.

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NAVAL BASES

HMNB CLYDE

HM Naval Base Clyde, at Faslane, some 25 miles north west of Glasgow, is home to the United Kingdom's Submarine Force and the strategic nuclear deterrent.

NRAD Coulport, eight miles from Faslane, is responsible for the storage, processing, maintenance and issue of the Trident Weapon System and the ammunition task for all submarine embarked weapons.

Responsibility for the day-to-day management of the functions of HM Naval Base Clyde is vested in Naval Base Commander Clyde, who is also Authorisee of the Nuclear Site.

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HMNB DEVONPORT

Devonport Naval Base, home to the Royal Navy in the South West, is the centre for the Royal Navy's amphibious capability and the home to the Hydrographic Surveying Squadron, HMS Protector (Ice Patrol Vessel), four Trafalgar Class Submarines and seven Duke (T23) Class Frigates. It is also the principal base for Flag Officer Sea Training and his sea-riding staff.

Over 300 years the Devonport site has evolved into the largest base of its kind in Western Europe, and is today a key defence asset as a Main Operating and Support Base for the Royal Navy. Comprising HMS Drake, significant industrial facilities and a range of military and non-military lodger units, of which Flag Officer Sea Training is the largest, it is supported by a number of key industrial providers including Babcock Marine and Technology, Interserve Defence Limited and Serco

Today, the Devonport site is characterised as a Base, Barracks, Port and Dockyard. Devonport Naval