



Sea Ceptor is the latest generation, ship-based, all-weather, air defence weapon system, based on the Common Anti-air Modular Missile (CAMM).

Through the use of new advanced technologies, Sea Ceptor provides complete protection against all known and projected air targets. The weapon system is now in full-scale development for the UK MOD as the principal air defence capability for the Royal Navy's Type 23 and Type 26 frigates.

Sea Ceptor will protect both the host ship and high value units in the local area. The Weapon System has the capability to intercept and thereby neutralise the full range of current and future threats including combat aircraft and the new generation of supersonic anti-ship missiles. Capable of multiple channels of fire, the system will also counter saturation attacks.

Sea Ceptor will enter service in 2017 to replace VL Seawolf for the remaining life of the Type 23s, after which it will equip the Royal Navy's Type 26 Global Combat Ship. The Sea Ceptor Defence System will deliver significantly greater capability at a reduced cost.

- **Utilises the Common Anti-air Modular Missile (CAMM)**
- **High rate of fire against multiple simultaneous targets**
- **Soft vertical launch technology for minimum launch signature and high performance**
- **Vertical launch enabling 360° coverage in all launch sectors**
- **Compact missile allows for multiple weapons fit in limited spaces**
- **Compatible with any surveillance sensor for targeting**
- **Wide air target set plus the ability to engage small naval craft**
- **All-weather active RF seeker**
- **Two way data link between the missile and launcher**
- **Designed for third party targeting**
- **Minimal logistics support and maintenance required**

SEA CEPTOR

ALL-WEATHER AIR DEFENCE
WEAPON SYSTEM





SEA

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The weapon system can be easily retrofitted into a wide range of platforms, ranging from 50m OPVs to frigates and destroyers. Two main features provide this flexibility. Firstly, the use of "soft-launch" weapon technology for a highly scalable and compact launch system that can easily be installed in a number of locations. Secondly, Sea Ceptor can be targeted from the ship's existing surveillance radar sensors and therefore does not require dedicated fire control radars.

Sea Ceptor will operate from the SYLVER and Mk41 launchers using a quad-pack configuration, various flexible canister configurations are also available. The Soft Vertical Launch technology reduces system mass and eases installation. The Command & Control System is designed to enable rapid integration with both new and existing naval combat systems.

Central to Sea Ceptor capability is the use of an advanced weapon command & control system. This system can be configured to either provide the full functionality to operate as an independent air defence capability or to operate as an integrated layer within a higher command & control architecture hosted on the ship's Combat Management System.

Operational characteristics:

- Broad target set including high speed, manoeuvring, low signature targets in high level countermeasure environments
- Can be used with a variety of surveillance sensor systems
- 360° coverage from soft vertical launch

Name

- Sea Ceptor

Missile characteristics

- **Weight: 99 kg**
- **Length: 3.2 m**
- **Diameter: 166 mm**
- **Range: In excess of 25 km**
- **Speed: Supersonic**

