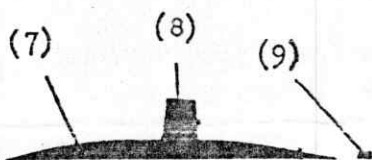


SUB-SPOTTERS' GUIDE (cont.)



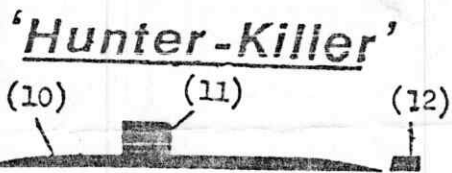
VALIANT CLASS

Churchill class are more modern versions of the Valiants, but appear outwardly very similar.

Visual features

265 feet long.

- (7) - rounded body shape.
- (8) - conning-tower narrower and taller than other types of sub.
- (9) - relatively small, low tail-fin.



SWIFTSURE CLASS

Visual features

270 feet long.

- (10) - compare this body shape with Valiant class.
- (11) - conning-tower not as central as on Valiants, broader and lower.
- (12) - tail fin broader than Valiants'.



TRAFALGAR CLASS

Visual features

280 feet long.

- (13) - tail fin taller than on other subs.

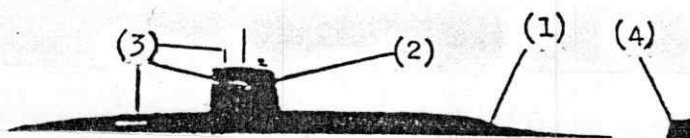
The names and pennant numbers (which are not usually displayed) of the various subs in each class are listed below.

RESOLUTION: S22 Resolution; S23 Repulse; S26 Renown; S27 Revenge (currently under refit at Rosyth) VALIANT: S102 Valiant (under refit at Rosyth); S103 Warspite
 CHURCHILL: S46 Churchill; S48 Conqueror; S50 Courageous SWIFTSURE (all currently based at Devonport, but are slowly being re-deployed to Faslane): S126 Swiftsure; S108 Sovereign; S109 Superb; S104 Sceptre; S105 Spartan; S106 Splendid
 TRAFALGAR: S107 Trafalgar; S110 Turbulent; S117 Tireless; S118 Torbay (+ 2 more, S92 Talent and S93 Triumph being built) OBERON: S10 Odin; S12 Olympus; S13 Osiris; S14 Onslaught; S15 Otter; S16 Oracle; S17 Ocelot; S18 Otus; S19 Opossum; S20 Opportune; S21 Onyx UPHOLDER: S41 Upholder; (S42 Unseen, S43 Ursula and S44 Unicorn still being built - not expected to enter service until the 1990s).

Further information available from "Jane's Fighting Ships" available from good reference libraries (only rely on the most up-to-date edition). A very useful handbook called "British Warships and Auxiliaries - 1988/89 Edition is available from Maritime Books, Liskeard, Cornwall PL14 4EL, author Mike Critchley, for £3.95 +p & p. and includes photos of most Royal Navy ships.

If you are interested in monitoring shipping movements in the Clyde area, this will be discussed at the next Clyde Federation meeting. In the meantime, contact Jim Chestnut, Faslane Peace Camp, on 0436-820901, or Harry Bickerstaff on Dumbarton 56291 (evenings only).

SUB-SPOTTERS' GUIDE



'Polaris'

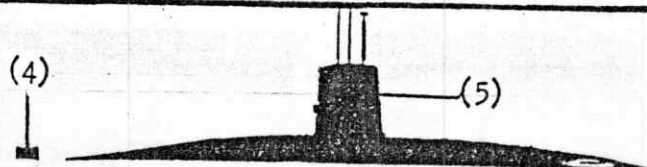
RESOLUTION CLASS

Nuclear-powered, armed with torpedoes and Polaris missiles with Chevaline nuclear warheads.

Visual features

425 feet long.

- (1) - stepped back, typical of nuclear missile-carrying subs.
- (2) - "conning-tower (the Navy sometimes call it the "fin") is further forward than it is on other types of sub.
- (3) - NB - US ballistic missile subs are similar in shape, but can be told apart from UK subs by the position of the diving planes (short, wing-like fins that project from the sides)- UK subs have them fitted on the front of their body, US subs have them on the conning-tower. US subs also have grey camouflage painted on the periscope and antennae.
- (4) - the tail fin appears further away from the body than on other subs.



'Hunter-Killer'

"Valiant/Churchill, Swiftsure and Trafalgar Classes"

Nuclear-powered, armed with torpedoes.

Visual features

In general:-

- (4) - tail fin closer to body of sub than in Polaris.
- (5) - conning-tower more central than on Polaris.

BUT see overleaf for the differences between the three classes.

"Oberon Class" subs will be gradually replaced by



UPHOLDER CLASS

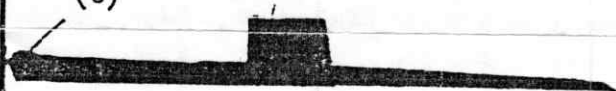
The first of these will be completed in 1988. Diesel-electric-powered, they will be fitted with the American Sub-Harpoon guided missile.

Visual features

230 feet long.

While similar in shape to the Hunter-Killers, they are far shorter, and the tail-fin appears joined to the body of the sub.

(6)



'Diesel'

OBERON CLASS

"Diesel-electric" or "Patrol" subs, armed with torpedoes.

Visual features

295 feet long.

Distinctive "wedge" shape.

- (6) - large sonar "bubble" on front.