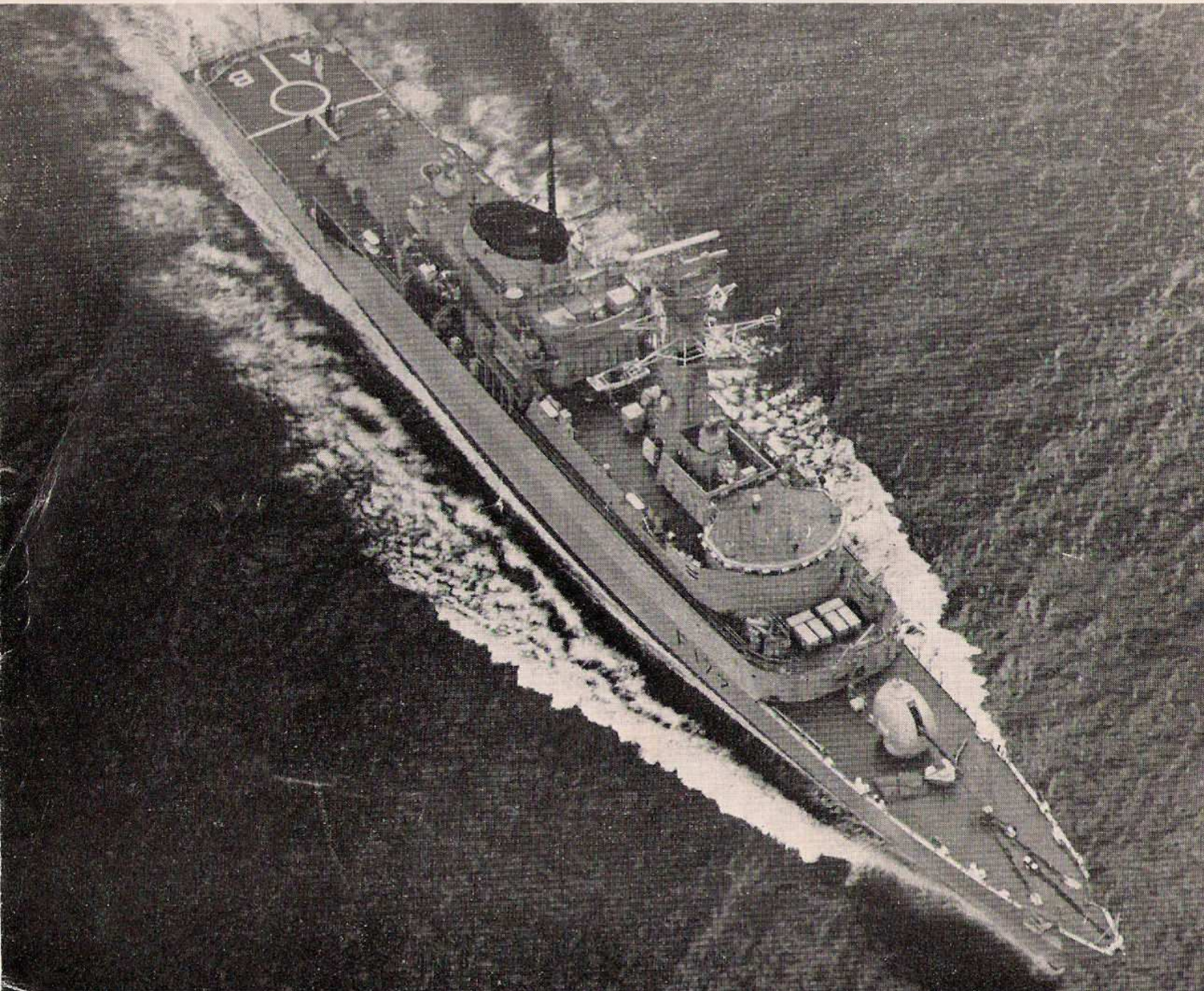




HMS AMBUSCADE

Type 21 General Purpose Frigate





Princess Anne is shown the bridge equipment on HMS Amazon — the first Type 21 frigate to enter service in the Royal Navy.

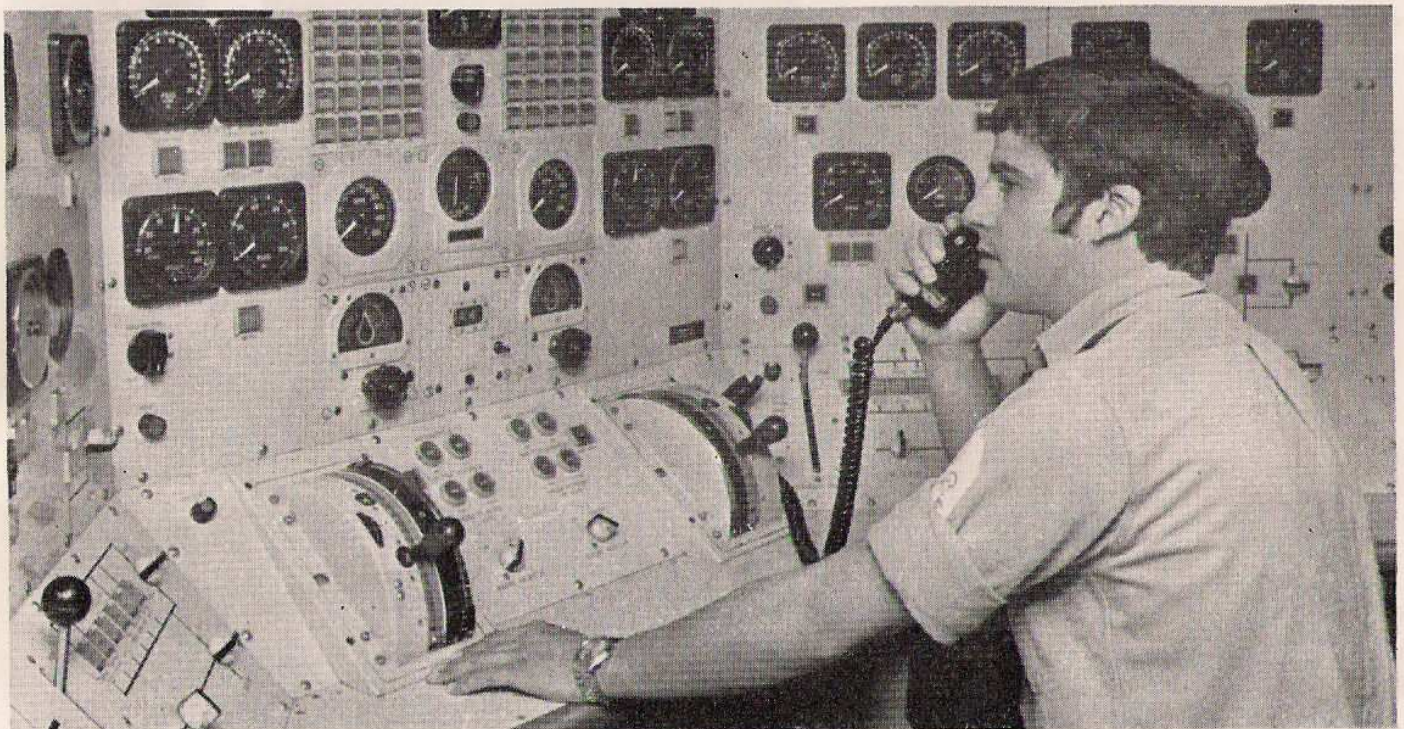
HMS *Amazon*, HMS *Antelope* and HMS *Ambuscade* are the first Type 21 frigates to enter service in the Royal Navy. They are capable of contributing effectively to the defence of a convoy or other force against attack by surface ships or submarines, and are fully able to defend themselves against aircraft, missiles or fast patrol craft. Type 21 Frigates can match any comparable, contemporary foreign warship in fighting power and performance and can maintain an all weather patrol in any part of the world.

They represent a new generation of warship for the Royal Navy and incorporate many features destined for future surface vessels. They are also the first Royal Navy ships to be designed from the outset for all gas turbine machinery in a twin screw arrangement. The main engines are two Rolls Royce Olympus TM3 gas turbines giving a top speed in excess of 30 knots. The two Rolls Royce Tyne RB209 engines for cruising enable the ship to cruise for extended ranges.

The armament consists of a Vickers 4.5 inch Mark 8 automatic gun, a quadruple launcher for Seacat anti-aircraft missiles, a Westland *Lynx* helicopter armed with air to surface guided missiles and anti-submarine torpedoes and two 20 mm Oerlikon guns. Later ships of this class will carry a surface to surface missile system. By installing fully computerised, highly automated weapon systems, specially designed action information



HMS Amazon operates with a Sea King helicopter.

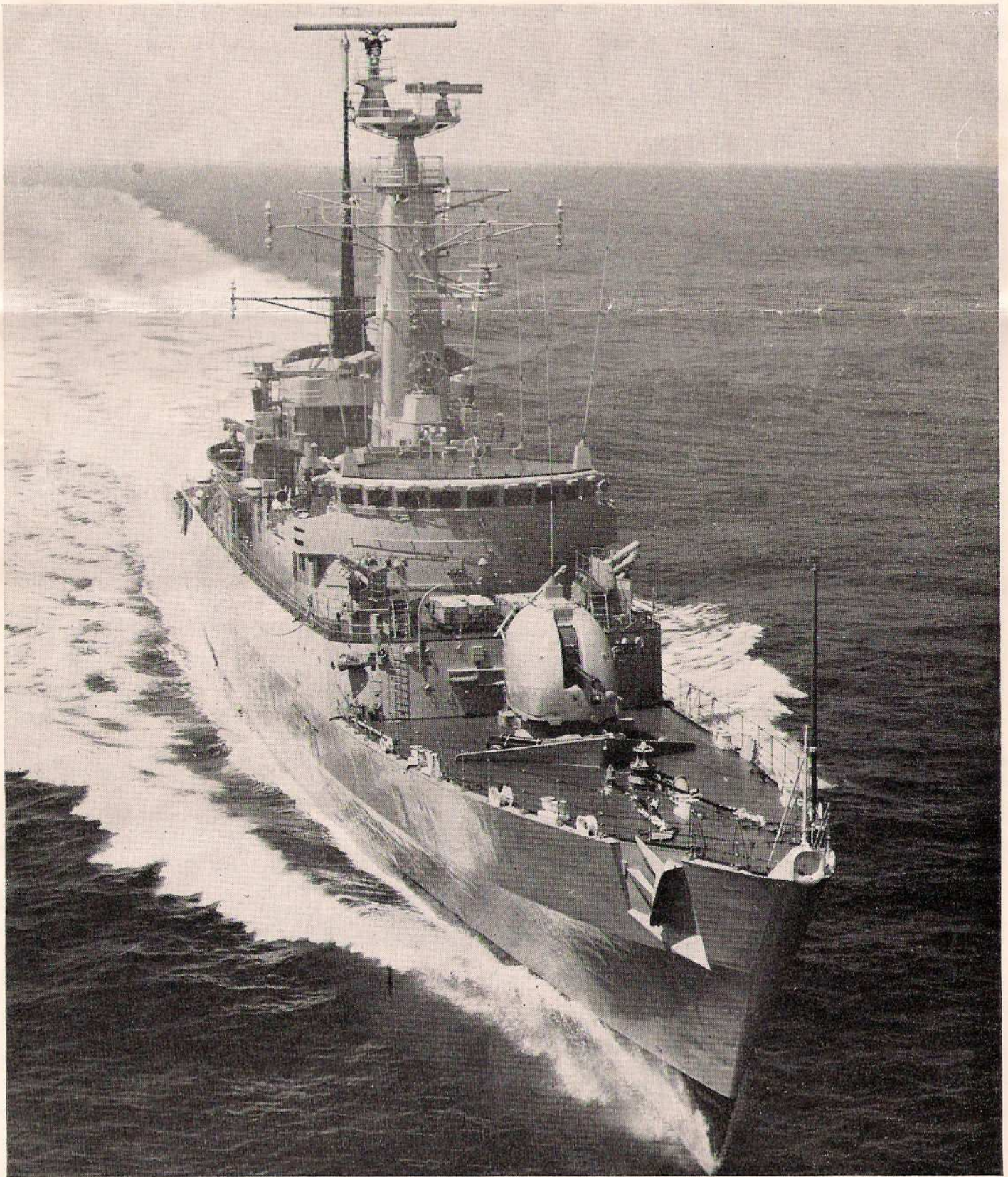


The highly automated and push button complex of the Ship Control Centre in HMS Ambuscade.

equipment, centralised storeroom complex supplied by a vertical hoist, and the gas turbine machinery, it has been possible to man the ship with only two thirds of the complement for any equivalent vessel. This large reduction, about 80 men in all, has resulted in the ship's 11 officers and 160 ratings enjoying better accommodation than in any other warship in the Royal Navy.

There are separate dining halls for senior and junior ratings, a laundry, sickbay, and recreational facilities including television, library, sound reproduction equipment and a cinema.

The three ships are now engaged in a comprehensive series of sea trials, prior to the acceptance into Royal Navy service of their five sister ships, the last of which will commission early in 1978.



HMS Antelope during her final acceptance trials.