

ELECTRIC MOTOR SYSTEM

Two nearly noiseless electric motors have been suspended on either side of the submarine. When the engines run in opposite directions the underwater craft can turn on its axle within a few seconds. Because the engines are forward of the diving rudders the submarine can dive very fast. This configuration is ten times more effective than the conventional cruciform design. The intake at the engine fairings has been developed in such a way that power can be varied. This is easily done by removing three special pins.



The shape of the engine fairings gives 5% more propeller efficiency and extra cooling for the electric motors at low speeds. The submarine is simple to control with a single joystick to which it responds rapidly after commands are sent to the engines.

NEYK SUBMARINE