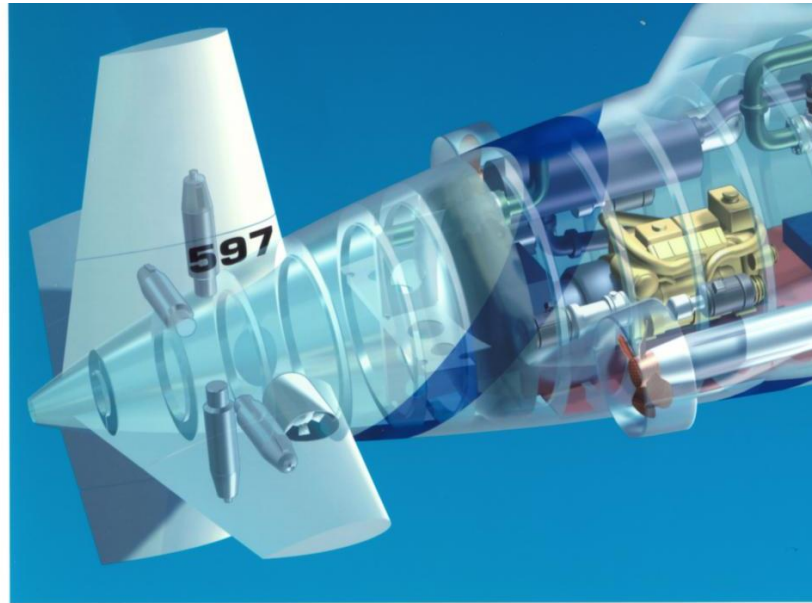


DIVING RUDDERS

The NEYK might be thought a rather conventional submarine, but this is only partly true. Even its exterior is striking. A characteristic designed to satisfy the high manoeuvrability requirement is the spacious rudder surface, while the rudder blade itself can be turned as a whole. Within a few seconds the rudders can be adjusted to an angle of 35 degrees. The easily-controlled, single joystick also contributes to the manoeuvrability. Changes in angles of incidence are responded to rapidly.

Safety is increased by the big air balloons in each diving rudder, which can be inflated to bring the submarine to the surface. All the rudders can be removed within less than one hour for transportation.



TRANSPORTATION

The submarine has been designed for fast transportation throughout the world; for action, salvage and rescue of other submarines. The rudders and sail house can be removed completely in less than an hour, for transportation by sea, air or road. This is made easier by having an undercarriage like an aeroplane's.

The nose undercarriage is put in the main ballast tank and is a fully steerable, twin-wheeled unit with lights on the main strut. Two doors are attached to the main gear strut and can be controlled hydraulically in both directions. The main undercarriage gear unit, on either side of the submarine, is two-wheeled with twin lights. A single door, separately controlled by a hydraulic ram, covers the well.

NEYK SUBMARINE