

Project task

Design small (midget) commando submarine for operation in coastal waters for depths not larger than 120m.

Minimal military demands:

- 4 commandos.
- Two underwater vehicles or alternatively two bottom lying mines.
- 8 sticky mines.
- Maximum underwater speed 8 knots.
- Tactical radius at speed 4 knots, not less than 120NM.

The number of crew must be anticipated on the basis: three men in two shifts. Submarine autonomy should be calculated according to food and water supply for seven days.

Special attention:

- Low noise.
- Magnetic properties.
- Foundations.

Project includes:

- Main dimensions.
- Hull form definition.
- Fighting systems definition.
- Resistance calculation.
- Propulsion properties and selection of the main engine.
- Weight distribution and hydrostatics.
- General plan. Capacity plan.
- Technical description.