

UNIFIED PERISCOPE SYSTEM

PARUS-98E

Unified Periscope System PARUS-98E provides:

- all-round surveillance of water surface and air space in day-time, at twilight and at night
- surface, airborne and coastal targets acquisition
- surface, airborne and coastal targets range-finding
- targets bearing measurement
- targets relative bearing and elevation angles measurement
- satellite navigation systems GLONASS and GPS signals reception
- radars and other radio aids signals detection

Unified Periscope System PARUS-98E consists of attack periscope penetrating into the submarine hull and multipurpose non-hull-penetrating periscope (optronic mast)



Attack periscope head



Attack periscope ocular box

Attack periscope includes:

- visual optical channel with the variable magnification (from x1,5 to x12) and fields of view from 40° to 5°
- low-light level TV channel (field of view 10x7,5°)



Optronic mast retractable device



Optronic mast control device

Optronic mast includes:

- TV channel with the variable field of view from 32° to 5°
- thermal imaging channel of the spectral range from 8 to 12 mm with two fixed fields of view $9 \times 12^\circ$ and $2.6 \times 4^\circ$
- laser range-finding channel
- antenna system for satellite navigation system signals reception

Each periscope comprises:

- system of line of sight gyroscopic stabilization
- system of radars and other radio aids signals detection
- audio- and video recording system
- hydraulic hoisting device

The periscopes comprising the System can be supplied both jointly and separately

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