

## RADIODOPPLER DRIFT LOG

# RDL-3

### APPLICATION

Ships with dynamic buoyancy relative to the underlying surface (sea, ground)

### FUNCTIONS

**The drift log:** measures relative speed, its longitudinal and transverse components; determines the current drift angle; generates a course angle by the heading indicators data; measures the covered track; measures separate segments of the covered track; displays and transmits the generated parameters

### SPECIFICATIONS

- | ■ Limiting measurement errors:                  | Analog                         | Digital                        |
|---|--------------------------------|--------------------------------|
| - Speed through the water                       | from $\pm 0.3$ to $\pm 0.5$ kt | from $\pm 0.1$ to $\pm 0.4$ kt |
| - Current drift angle at speed from 0.5 to 5 kt | from 35 to 3.2°                | from 12 to 0,8°                |
| - Current drift angle at speed from 5 to 100 kt | from 3.2 to 0.4°               | from 0.8 to 0.6°               |
- Measuring separate segments of the covered track within the limits 0–100 miles
  - Measuring accuracy is provided at the seas from 1 to 5 balls

Multifunctional indicators provide required data availability for navigating the ship.

The drift log interfacing with the ship control system enables a steady heading or course angle to be automatically steered.



*Transceiver and indicators*

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