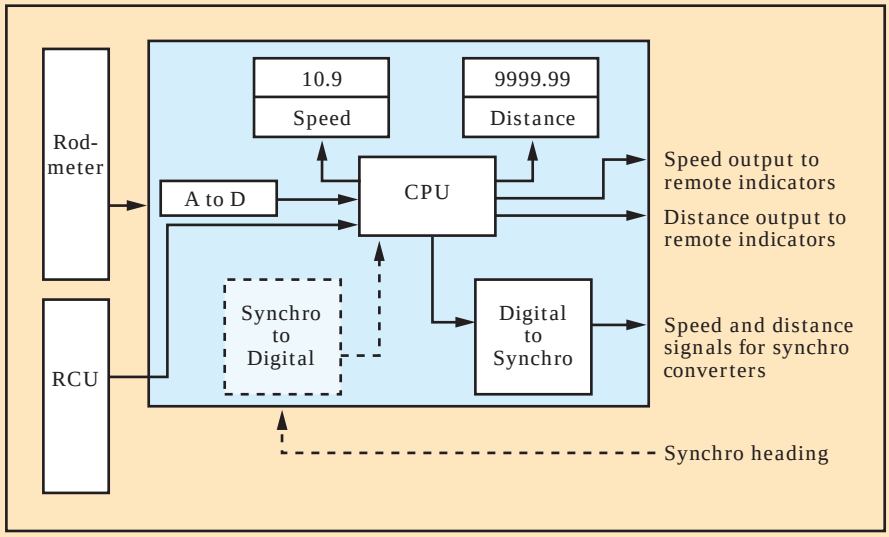
SPAWAR
Systems Center
San Diego

Electromagnetic Log Indicator/ Transmitter

The Electromagnetic Log Indicator/Transmitter (EM Log I/T) developed by SSC San Diego determines ship's velocity relative to water as detected by a standard hull penetrating rodmeter, and displays and distributes the data.



EM LOG I/T FEATURES

- Provides direct replacement for Chesapeake Instruments EM Log I/T: Model UL-100-3
- Uses derived velocity to compute and display distance traveled in nautical miles
- Equipped with test signals used to check the electronic circuitry by simulating a rodmeter signal
- Computes ship's velocity in the fore–aft direction
- Converts and outputs velocity data in digital format
- Employs advanced chip technology
- Designed to operate unattended and continuously for extended periods of time

OPTIONAL

- Velocity north and velocity east computations when provided synchro heading
- Digital-to-synchro converters to provide synchro velocity output
- Pulse-train distance output

SPECIFICATIONS

Speed Range	**–9.0 knots to +30.0 knots or –9.0 knots to +70.0 knots**
Speed Accuracy	**+/–0.1 knot to 10 knots 1% above 10 knots**
Distance Range	**0.01 to 9999.99 nautical miles**
Distance Accuracy	**1% of the distance traveled**

For additional information, contact:

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