

Welcome to the May edition of SKIPPER Newsletter.

## Sales

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### Early warning!

### New Single Axis Doppler Speed Log to be launched in October 2012:



SKIPPER Electronics will introduce a brand new Single Axis Doppler Speed Log in October this year and the name is SKIPPER DL1! This early warning indicates that you already now should be able to introduce this new product in the market for delivery in or just after October 2012.

The price level will be compatible in the market.

[Read more regarding the SKIPPER DL1 here!](#)

### SKIPPER is now in the final development stages of new 'INS ready' products:

We are looking for any bridge manufacturers who wish to integrate these new Speed Logs and Echo Sounder products into their newer bridges.

The new system has full connectivity including the new LAN standards. The system has possibility to be integrated without a separate display, giving a unified look for the whole product. We are trying to make this as simple as possible with respect to integration and approval, and we appreciate your inputs! Please contact Sigurd H. Paulsen.

## Technical

### Support tools for technicians:

In September SKIPPER will be releasing its new support tool for all technicians serving acoustic products. The SKIPPER ETT985 is a combined Echo Sounder simulator and transducer tester in a single handheld unit. This tool allows the technician to test both the acoustical functions of the Echo Sounder and Transducers.

#### - Simulator:

The simulator will measure the transmitted pulse and replying with either the same pulse or a user defined pulse. In conjunction with the systems data bulletin an integrity test of the Echo Sounder unit can be performed in minutes.

#### Transducer tester:



This is a tester that measures the characteristics of the transducer, showing the resonance and electrical characteristics of the transducer. Using pre-programmed limits, the user can select a pre-programmed transducer and check with the factory values. A simple pass/fail is given. The tester works for any transducer (directly to transducer, not through circuitry).

### Software:



Optional software changes the tester to a lab tool by increasing the functionality of the tester.

Using a serial port, the tester can be connected to the PC based software enabling the user to access extra parameters of the system.

The simulator can directly be controlled and be made to also generate fish signals for fish-finder Echo Sounders, it also allows a serial input function to change the depth and settings of the unit (ideal for bridge simulators).

The transducer tester becomes a full (un-calibrated) impedance analyser showing the full plot of frequency vs. impedance, susceptance, conductance, and phase as well as detecting the resonance, anti-resonance and calculating the bandwidth of the transducer. In addition the limits of any transducer can be programmed such that the pass/fail integrity test of any compatible transducer can be checked with the tester alone in the field.

The unit is now in final test and it is now possible to pre-order. Delivery from September 2012.

ETT985: Contact SKIPPER Electronics for price.

ETT985SW: Contact SKIPPER Electronics for price.

### Training Schedule:

Send your registration to [support@skipper.no](mailto:support@skipper.no).

### Schedule for SKIPPER Electronics service trainings 2012:

| Place                       | Date             | Course type | Hosted By                  |
|-----------------------------|------------------|-------------|----------------------------|
| <b>Service courses 2012</b> |                  |             |                            |
| <b>Asia</b>                 |                  |             |                            |
| China (Shanghai)            | 24-26. October   | Service     | Seven Seas Marine Services |
| China (Shanghai)            | 29-31. October   | Service     | Seven Seas Marine Services |
| <b>Europe</b>               |                  |             |                            |
| Norway                      | 10-13. September | Service     | SKIPPER Electronics        |

Best regards,



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