

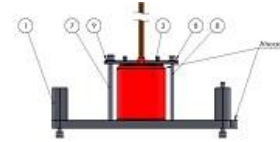
Welcome to the September edition of the SKIPPER Newsletter.

Sales

Retrofit solutions:

SKIPPER Electronics has now received good information from you regarding existing speed logs to retrofit!

The first new retrofit we will release is the DL850 270 kHz to fit to existing bottom mounting for the Atlas DoLog (21, 22 and 23). It is not yet tested, so be sure to be the first customer to test this retrofit!



Please send your request to sales@skipper.no on the above system to receive your quotation.

New transducer selector for 4 Transducers SKIPPER TS-104:



SKIPPER has now released a new transducer selector, with two overlays. One overlay for ships and one for the rig vessels. This transducer selector will connect 4 transducers, with the possibility to change between them with a touch of a button.

The transducer selector could be connected to any SKIPPER Echo Sounder or even Echo Sounders from our competitors.

Features:

- Press button Channel selection
- LED-Display of selected channel (with dimming) Switch/Pulse synchronization
- Switching of multiple single frequency transducers
- For use on larger vessels, platforms etc.



For more information please enter into the SKIPPER web site or [click here!](#)

Company evaluation

SKIPPER would like your feedback regarding our products and service. The evaluation will take 2 minutes. [Please access the evaluation here!](#)

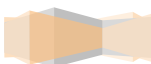
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Technical

Did you know?

Many current SKIPPER speed log and repeater products can receive the NMEA Dimming command 'DDC'



The command is as follows:

\$--DDC,a,xx,b*hh

a= Display dimming preset (D=day, K=dusk, N= night, O=off)

xx= Brightness percentage

b= Colour palette (D=day, K=dusk, N= night, O=off)

Currently available on:

- **DL850N27/D27** - DL850 Graphic units for 270kHz : *From software 4.03.04 +*
- **CD401XX-SB** Compact Display version B (Compact EML124-Compact, EML224-Compact, DL1) :*From software 1.10 +*
- **CD402XX-SC** Compact Display with LAN (DL1-Multi, DL21):*All versions*
- **CU-M001-SA** 9"Graphic Display(DL2-Multi, DL21): *All versions*
- **IR301** Depth repeater : *From software 2.8 +*
- **IR300** Speed repeater: *From software 1.6 +*

SKIPPER is currently IEC60945 testing a new NMEA dimming switch IR31DIM, which provides dimming signals and also allows the user to program OEM signals, with up to 5 fields and 10 light levels. This switch will allow for NMEA in and out, multiplexing the DDC signal onto the existing NMEA signals it also has relay dimming, as well as having a light sensor option to auto dim.

More information about this in the coming months.

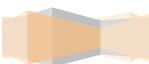
Technical training

Picture from SKIPPER training in Oslo 15th. To 18th. September.



Attending companies:

Pbp Enamor Sp. Z.O.O.	Poland
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Nautic AB	Sweden
X-elec	France
Industrial & Naval Group SA	Argentina
Alphatron Marine	Netherland
Radial Circle Marine Services Limited	Nigeria
Lyngsö Marine	Denmark
Ancom96	Romania
Havyard Power & Systems AS	Norway
Electrodeniz	Turkey

Planned SKIPPER service trainings 2014-2015

The following courses are planned for 2014 and 2015, please let us know if you intend to come to these so we can plan numbers of courses and contents. In addition 2014 will see the launch of a number of new products and a shorter sales based courses will be held at a number of locations.

Date	Duration (days)	Course type	Continent	Country
28 th -31 st October	3,5	Service	China	Shanghai Marine Radio& Navigation Aids Service Center
3 rd – 6 th November	3,5	Service	China	Shanghai Marine Radio& Navigation Aids Service Center
Approx. February 2015	3,5	Service	U.A.E. Dubai	Elcome International
Approx. April 2015	3,5	Service	Singapore	Jason Electronics

Training details 3,5 days

Day 1 09.00AM-05.00PM	Day 2 09.00AM-05.00PM	Day 3 09.00AM-05.00PM	Day 4 09.00AM-01.00PM
Echo sounders	Speed Logs	Bottom Equipment	New Multi series Speed logs
Principles	IMO requirements	Tanks / Sea Valves	DL1 Multi. 1-axis STW

The Systems	Doppler principle	Positioning	DL2 2-axis STW+SOG
GDS101	Electromagnetic log principles	Installation in the hull.	DL21 Speed log STW+SOG for vessels > 50.000GT
GDS102	DL850 270kHz Dual axis STW+SOG	DL-1 Single axis Doppler Speed Log	
ETT985 Echo sounder simulator/tester	EML 224 Dual axis STW		

Training details 3 days

Day 1	Day 2	Day 3
09.00AM-05.00PM	09.00AM-05.00PM	09.00AM-05.00PM
Echo sounders	Speed Logs	EML 224 Dual axis STW
Principles	Navigational speed log requirements	The EML 224 Graphic display
The Systems	Doppler principle Electromagnetic log principles	The EML 224 Compact display
GDS101 Echo sounder	DL850 270kHz Dual axis STW+SOG	DL-1 DL1 Multi
GDS101 software Hardware Installation Maintenance	Software Installation Hardware Maintenance Diagnostics	Single axis Doppler speed log
GDS102	Bottom Equipment	
Two frequencies Echo Sounder	Tanks Sea Valves Positioning of bottom parts	
ETT985		
Echo sounder simulator and Transducer tester		

Best regards,



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www.skipper.no

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Managing Director

SKIPPER Electronics AS

