



Welcome to the October newsletter from SKIPPER Electronics AS.

DL1 with a wide range of standard and retrofit solutions

The SKIPPER DL1 is a Single Axis Doppler Speed Log, providing longitudinal ship's speed (STW) and distance relative to sea water. The SKIPPER DL1 gives accurate navigation parameters, measured as they happen and presented in a logical, user friendly way.

- **Speed through water in 1 axis**
- **Water temperature**
- **Interfaces - NMEA0183**
- **Display - 28x30 LED dot matrix with full night dimming**
- **3 easy to use, user programmable displays, integrated menus**
- **Fully automatic settings**
- **Support software for easy setup and diagnostics**

Part numbers needed depends on Multi or Compact version:

- CD401D1-SB CD401, Operating Unit for DL1 Single Axis SKIPPER Log
- CD402CU-SC DL1-Multi Control Unit with LAN and plug
- JB60CD-SA Electronic unit for Speed log TTL comm. SKIPPER
- JB70D1-SA Electronic unit for DL1-Multi. Single Axis Doppler Speed Log
- JB12-SA Junction box, 12 pole

Choice of sensor depends on bottom housing:

- DL1SDB-SD DL1 Single Axis Doppler Sensor for SB/DB-100-SX, 40m Cable
- DL1SG-SD DL1 Single Axis Doppler Sensor for SB/DB-60-SX Sea valve, 40m Cable
- DL1SN-SD DL1 Single Axis Doppler Sensor for Simrad NL-LOG, 40m Cable
- DL1SS-SD DL1 Single Axis Doppler Sensor for Sagem Fittings, 40m Cable
- DL1ST-SD DL1 Single Axis Doppler Sensor for Combo Steel Tank, 40m Cable
- DL1STA-SD DL1 Single Axis Doppler Sensor for Combo aluminium Tank, 40m Cable
- DL1SV-SD DL1 Single Axis Doppler Sensor for Naviknot 5005, 40m cable (Yet to be released)

For the retrofit sensors the bottom housing is already installed in the vessel. If you need a new system with bottom housing you have a choice between:

- Sea valve for double or single bottom
- Steel tank
- Aluminium tank



[Click here for DL1 web site.](#)



Taiyo TD-L1550 will be obsolete in June 2021!

The Taiyo TD-L1550 will be obsolete in June 2021 due to that TD-L1550A including its spare parts does not comply with the latest CE regulation which contains new RoHS regulation.

The following products will be obsolete in the near future:

Obsolete date	Product
31.12.2020	DL850 270 kHz
31.03.2021	GDS101
31.03.2021	GDS102
30.06.2021	EML224 Graphical version

The reason for this is that there are several components in all these products that are already end of life. We will be producing all above products to the given dates, if components are available (First come, first serve principle).

We will continue to support all above products for as long as our stock of components last. We have tried to calculate the need for spare parts for a period of 10 years after the obsolete dates.

We are sorry for the inconvenience this will cause, but we have new improved replacement products available:

- ESN100** - One Channel Echo Sounder - 50 and 200 kHz
- ESN200** - Two Channel Echo Sounder - 24, 30, 33, 38, 50, 100, 200 and 210 kHz
- DL2** - Dual Axis Doppler Speed Log with Docking functionality (Three Axis)
- EML224 Compact** - One or Two Axis Electromagnetic Speed Log
- DL1** - One Axis Doppler Speed Log
- SL1200** - SATLOG - Dual Axis Satlog - Speed Over Ground Only
- DL21** - Dual and One Axis Doppler Speed Log in one Sensor Housing
- SD21** - Single Axis Doppler Speed log combined with Dual Axis Satlog

Training Courses in 2020

We are sorry to inform that due to the uncertain situation with the COVID-19, we have decided to cancel the SKIPPER technical trainings.

New dates for the training courses will be announced as soon as the situation has normalised.

The following training courses are postponed:

Date	Place	Host Comany	Duration (Days)
Postponed	Singapore	Jason Electronics	4 - Fully booked
Postponed	Singapore	Jason Electronics	4 - Few seats!
Cancelled	Spain	Sandvik Marine Electronics SL	4
Cancelled	Dubai	KDU Marine Equipment Trading and Maintenance L.L.C.	4

We are planning more web courses. Please send an e-mail with the courses you are interested in to service@skipper.no. If you have any questions regarding training courses contact: support@skipper.no.

Best regards,

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