

Welcome to the April edition of the SKIPPER Newsletter.

Sales

SKIPPER will attend Sea Asia Singapore 2017:

The exhibition will take place in Marina Bay Sands in Singapore at 25-27 April 2017. Please contact sales@skipper.no if you want to schedule for a meeting during the exhibition. SKIPPER will be sharing the booth with Jason Electronics situated at B2-H01, so it would be nice to meet you there during the exhibition. [For more information regarding this exhibition, please 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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<http://www.facebook.com/groups/374685331159/>

Technical

New DL850, EML224, DL1, GDS101 and GDS102 software:

Ship navigation systems are continuously evolving. Current focus is on new safety measures of alarms, integration and effective use of sensors.

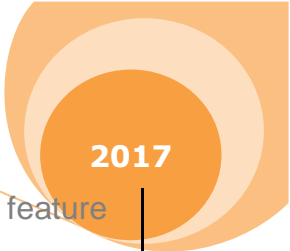
As the standards change we follow and changes have been made to many of the systems to conform.

These changes include changes in display for IEC62288:2014. Changes in Alarm handling for MSC302 and other feature improvements. The Main noticeable change being that the alarm is removed from the Echo Sounders.

The Echo Sounders still contain the old method of alarming with hardware or NMEA ALR, and now include an ALF method.

In particular, new software is being released for the following systems:

System	SW Version	Major changes
GDS101 Echosounder	SW-G010-5.06.01 SW for GDS101 Operator unit	Removal of Deep water alert Addition of ALF version of alarms
GDS102 Echosounder	SW-G006-1.13.01 SW for GDS102 Operator	Removal of Deep water alert Addition of ALF version of alarms



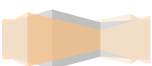
	Unit	Improvements on auto range feature
DL850 Speed log	SW-D009-4.04.01 Software for DL850, operator unit. 270kHz	Removal of all alarms (high and low speed) Improvements of Built in test features
EML224N Speed log	SW-E001-1.28.01 SW for EML224 Operator Unit	Removal of all alarms (high and low speed)
CD401 system (EML and DL1(JB60 with repeater)	SW-C002-1.20 CD401, SW Operator unit- version for -SB	Removal of all alarms (high and low speed)

The software is available on the SKIPPER web pages in the next few days. The newer Speed Logs SKIPPER DL2 and SKIPPER DL21 already have the necessary changes made and there are no new changes for these, however keep an eye on the website for feature improvements as a number are underway.

Planned SKIPPER service trainings 2017

Program 2017

Date	Place	Host company	Duration (days)	Training type	Notes
13-14. July 2017	USA	Mackay Houston	2	All products	13-14. July 2017
19-21. July 2017	USA	Wärtsila North America, Ft. Lauderdale	3	All products	19-21. July 2017
24-26. July 2017	USA	Mackay Marine Miramar	3	All products	24-26. July 2017
September 2017	Europe	TBA	4	All products	September 2017
Nov.-Dec. 2017	China	TBA	4	All products	Nov.-Dec. 2017



28 Technicians from the following companies attended the trainings in Singapore in April:

Jason Electronics,
Singapore

Jason Electronics,
Thailand

AMI Marine, Vietnam

AMI Marine, Singapore

Radio Holland, Hong Kong

Radio Holland, Malaysia

IKEServices, Malaysia

Mackay Marine, Singapore

Wärtsilä, Singapore

Raytheon Anschuetz,
Singapore

Camship, Nigeria



Best regards,

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Sigurd H. Paulsen
Managing Director

SKIPPER Electronics AS

