

Welcome to the December edition of the SKIPPER Newsletter.

## MERRY CHRISTMAS & HAPPY NEW YEAR!

### Sales

#### SKIPPER Electronics will be closed the following days:

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24. December 2015

25. December 2015

31. December 2015

1. January 2016

#### The new Multi Speed Log range from SKIPPER Electronics:

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##### SKIPPER DL1 Multi:

The SKIPPER DL1 Multi is a Single axis Doppler Speed log.

This speed log is the entry level to the acoustic speed log family providing Speed Through Water (STW) in the longitudinal axis.

##### SKIPPER DL2:

The SKIPPER DL2 is a Dual axis Doppler Speed Log. It will provide longitudinal and transversal speeds, both Speed Through Water (STW), and Speed Over Ground (SOG) simultaneously!

In addition it will also be a docking speed log providing the aft transversal, speed with ROT information from the Gyro.

The Docking functionality (Three axis) is included with all SKIPPER DL2 provided.

##### SKIPPER DL21:

The SKIPPER DL21 combines SKIPPER DL1 Multi and SKIPPER DL2 into one system.

This speed log comply with the new MSC.334(90) providing two separate speed logs – one with Speed Through Water (STW) and one with Speed Over Ground.

SKIPPER provides this with only one sensor, resulting in only one Sea Valve installation.

The MSC.334(90) is valid for all vessels above 50 000 GT built after July 1, 2014. The SKIPPER DL21 will therefore give the following information:

- Dual axis STW
- Dual axis SOG
- Single axis STW
- Three Axis STW (With ROT information from the Gyro)
- Three Axis SOG, Full Docking, (With ROT information from the Gyro)
- Resultant sea current, in speed and direction

Delivery time of new orders for all above systems will be 4-6 weeks from February 2016.

[Please find more information on all these Speed Logs here!](#)

**SKIPPER Electronics participated at Marintec China 2015 in Shanghai:**

The combined SKIPPER/Ninglu booth was visited by a great number of customers during the exhibition.

We thank all visitors that used the opportunity to see the new products at display during Marintec!

It was the first time SKIPPER participated at Marintec, and it seems like it will not be the last time!

<http://www.marintecchina.com/en-us/>

**Company evaluation:**

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

**Follow SKIPPER on Facebook:**

Join SKIPPER on Facebook with this link: <http://www.facebook.com/groups/374685331159/>

**Technical****Planned SKIPPER service trainings 2016**

The following courses are planned for 2016. Please let us know if you intend to attend these courses, in order to plan numbers of courses and contents.

**Preliminary SKIPPER Training program 2016**

Date	Place	Host company	Duration (days)	Training type
8th.-11th. March	Korea	Shindong Digitech Co. Ltd.	4	All products
Q2/3	USA	To be decided	4	All products
Q3	Europe	To be decided	4	All products
Q2/3	Australia	A.M.I. Sales	4	All products
Q3	Singapore	Jason Electronics	4	All products
Q4	China	To be decided	4	All products

**Training in Shanghai December 2015**

The following companies participated during the two training courses in Shanghai:

Company	Country
Imtech Marine China	China
CTTIC SH Co., Ltd (Ninglu)	China
Jason (Shanghai) Co., Ltd	China
SAM Taihang	China
Shanghai Marine Communication & Navigation Branch Co.	China

Beijing Highlander	China
Kongsberg Maritime China	China
Seven Seas Marine service	China
Sea Ocean Electronics Co. Ltd.	Korea
Navcom Electronics Int'l Co., Ltd.	Taiwan
SAM Taihang	China
Jason (Dalian) Co., Ltd	China
Radio Holland China	China
Shanghai Marine Communication & Navigation Branch Co .	China
Fred Technology Co., Ltd	China
Northrop Grumman Sperry Marine Trading(Shanghai)	China
Mackay Marine China	China



Best regards,

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