

Welcome to the April edition of SKIPPER Newsletter.

## Sales

### Follow SKIPPER on Facebook:

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

### New version of the SKIPPER catalogue:



Version 1.13 is now downloadable from our web pages. [Please download the latest catalogue here!](#)

The Setup and Option overviews are also updated and could be [downloaded here!](#)

### SKIPPER is present at the Sea Japan 2012:

Mr. Tor Andreassen and Sigurd H. Paulsen will be present at the Sea Japan 2012 this week. Please take contact by email to [Sigurd@skipper.no](mailto:Sigurd@skipper.no) if you need a meeting during this exhibition.

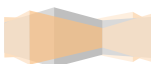
### ICE/Sand protected transducers:

SKIPPER has a number of ICE/Sand protected transducers.

Here is the overview of all different solutions:

Article number	Description
<b>Low Frequencies transducers to be installed in ETNSTCILF Ice protected Tank:</b>	
ETN038T	Transducer 38kHz M181-38-40L, 40 m cable, for Tank (ETNSTCILF)
ETN024T	Transducer 24kHz M181-24-40L, 40 m cable, for Tank (ETNSTCILF)
ETNSTCILF	TANK ICE PROTECTED,STEEL with DnV approval for low freq. tra
<b>50 and 200 kHz transducers to be installed in ETNSTCI Ice protected Tank:</b>	
ETN050BEL	Transducer 50kHz TGM 60-50-25L,25 m cable, without adaptor for ETNSTCI
ETN050BELX	Transducer 50kHz TGM 60-50-40L, 40 m cable, without adaptor for ETNSTCI
ETN200FS	Transducer 200kHz TGM-50-200-25L, 25m cable for ETNSTCI
ETN200FSX	Transducer 200kHz TGM-50-200-40L, 40m cable, for ETNSTCI
ETNSTCI	TANK ICE PROTECTED,STEEL with approval DnV/GL(Arctic tank)
<b>50 and 200 kHz transducers to be installed in Sea Valve with Ice protection:</b>	
ETN050GI	Transducer 50kHz TGM 60-50-25L, 25 m cable for ice Sea Valve
ETN050XGI	Transducer 50kHz TGM 60-50-40L, 40 m cable for ice Sea Valve
ETN200SGI	Transducer 200kHz TGM-50-200-25L, 25 m, for Ice Sea Valve
ETN200SXGI	Transducer 200kHz TGM-50-200-40L, 40 m, for Ice Sea Valve
SB-100-SB	Sea Valve 100 mm, Single Bottom Ball Valve SST SKIPPER DnV

We have positive feedback from both commercial and military customers for our Ice Protected Tanks and Sea Valves.



Commercial customers use this protection for dredgers, and the feedback shows that it protects the transducer when the dredgers touch the sand in operation.

For Military customers this protection is used for beaching vessels that often touches the ground and it is also here proven to protect the transducer in this harsh environment.

SKIPPER would also like more feedback for the usage of our Ice protected Tanks and Sea Valves.

A manual for the Ice Protected Tanks could be [downloaded here!](#)

## Technical

### 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 cources 2012</b>			
<b>Asia</b>			
China	Not yet decided	Service	Seven Seas

Best regards,

**SKIPPER**  
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**Sigurd H. Paulsen**

Sales/marketing manager

**SKIPPER Electronics AS**