



# AMERICAN BUREAU OF SHIPPING

Customer Name	SKIPPER ELECTRONICS A/S	Purchase Order No.	91750
Attending Office	Oslo	Report Number	OS2570913
First Visit Date	13-Mar-2014	Last Visit Date	13-Mar-2014

**Certification Of:** Valve 100mm for Speed log / Echosounder Transducer  
Quantity: One(1)  
Manufacturer: SKIPPER ELECTRONICS A/S

**Survey Location:** Oslo, Norway

## Equipment Data

Manufacturer Number(S. No.) 14107  
Model Number SB-100-SB  
Designer Name SKIPPER ELECTRONICS A/S

## Design Details

Design State Product Design Assessed  
ABS Reviewing Organization London Engineering Department  
Drawing Number 07-LD231781/1-PDA

## Additional Data

ABS Stamping \* OS2570913-A  
Valve Size 100  
Valve Material Stainless Steel - High Strength Steel - NOT SPECIFIED - NOT SPECIFIED  
Design Pressure 5 bar

**This is to Certify** that the undersigned surveyor(s) to this Bureau did, at the request of the customer, carry out the following survey and report as follows:

Traceability of materials used on this project has been verified.

The principal data has been verified in accordance with the applicable Rules/specifications and approved plans, and confirmed to be within acceptable tolerances.

All testing (pressure/load/operational/etc.) has been carried out as applicable and verified in accordance with the applicable Rules/specifications.

Testing machines are maintained in a satisfactory condition and records of their recheck or calibration dates confirmed.

Final markings for identification confirmed.

Hydrostatic pressure test was carried out at 5 bar with open and closed valve, no leakages or plastic deformation were noted.

## Surveyor(s) to The American Bureau of Shipping Attending Surveyors

Mac an Bhaird Sean

Electronically Signed on 13-Mar-2014

Reviewed By  
Fuglei, Tor Brodde

Electronically Signed on 25-Mar-2014, Oslo Port

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