



AMERICAN BUREAU OF SHIPPING

Customer Name	SKIPPER ELECTRONICS A/S	Purchase Order No.	252931
Attending Office	Oslo	Report Number	OS2144162
First Visit Date	07-May-2012	Last Visit Date	19-Jun-2012

Certification Of: Valve for Echosounder Transducer Installation Quantity: One(1)
2
Manufacturer: SKIPPER ELECTRONICS A/S

Survey Location: Oslo, Norway

Equipment Data

Manufacturer Number(S. No.) A12170
Model Number SB-100-SB
Vendor Tag Number AARM60

Additional Data

ABS Stamping * OS2144162-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.

Subject to satisfactory installation, testing and trials after installation onboard the vessel.

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

Acomb John L

Electronically Signed on 19-Jun-2012

Reviewed By
Silvestro, Francesco

Electronically Signed on 19-Jun-2012, Oslo Port

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