



AMERICAN BUREAU OF SHIPPING

Customer Name	SKIPPER ELECTRONICS A/S	Purchase Order No.	87513
Attending Office	Oslo	Report Number	OS2344808
First Visit Date	25-Apr-2013	Last Visit Date	13-May-2013

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

Survey Location: Oslo, Norway

Equipment Data

Manufacturer Number(S. No.) 13147
Model Number ETNSLJB-100 mm

Additional Data

ABS Stamping AB OS2344808
Valve Size 100
Valve Material Cast Bronze - Bronze - 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.

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

Silvestro Francesco

Electronically Signed on 13-May-2013

Reviewed By
Acomb, John L

Electronically Signed on 31-May-2013, Oslo Port

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