



AMERICAN BUREAU OF SHIPPING

Customer Name	SKIPPER ELECTRONICS A/S	Purchase Order No.	96253
Attending Office	Oslo	Report Number	OS2829366
First Visit Date	09-Feb-2015	Last Visit Date	09-Feb-2015

Certification Of: Shell Valve Diam. 200 mm Quantity: One(1)
Manufacturer: SKIPPER ELECTRONICS A/S

Survey Location: Oslo, Norway

Equipment Data

Manufacturer Number(S. No.) 15057
Model Number SB-200-ECHO

Design Details

Design State Product Design Assessed
ABS Reviewing Organization London Engineering Department
Drawing Number 06-LD169972/1-PDA

Additional Data

ABS Stamping * OS2829366
Valve Size 200
Valve Material Cast Bronze - Bronze - NOT SPECIFIED - NOT SPECIFIED

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.

Side shell valves intended for Echosounder Transducer Installation

Hydrostatic pressure test was carried out at 5 bar with closed valve. Noleakage or plastic deformation were noted during testing.

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

Kurihara Takehiro

Electronically Signed on 18-Feb-2015

Reviewed By
Fuglei, Tor Brodde

Electronically Signed on 21-Feb-2015, Oslo Port

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