



AMERICAN BUREAU OF SHIPPING

Customer Name	SKIPPER ELECTRONICS A/S	Purchase Order No.	99116
Attending Office	Oslo	Report Number	OS2985165
First Visit Date	11-Sep-2015	Last Visit Date	12-Sep-2015

Certification Of: Ship Side Valve Quantity : Four (4)
Manufacturer: SKIPPER ELECTRONICS A/S

Survey Location : Oslo, Norway

Equipment Data

Destination Vessel (Name)
Destination Vessel (Class Number)

Design Details

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

Additional Data

One (1) Shell Valve 100 mm

Manufacturer Number(S. No.)	BABC31
Model No.	SB-100-SB
ABS Stamping	✱ OS2985165
Valve Size	100
Valve Material	Stainless Steel - High Strength Steel - NOT SPECIFIED - NOT SPECIFIED
Design Pressure	5 bar

One (1) Shell Valve 100 mm

Manufacturer Number(S. No.)	BABC32
Model No.	SB-100-SB
ABS Stamping	✱ OS2985165
Valve Size	100
Valve Material	Stainless Steel - High Strength Steel - NOT SPECIFIED - NOT SPECIFIED
Design Pressure	5 bar

One (1) Shell Valve 100 mm

Manufacturer Number(S. No.)	BABC36
Model No.	SB-100-SB
ABS Stamping	✱ OS2985165
Valve Size	100
Valve Material	Stainless Steel - High Strength Steel - NOT SPECIFIED - NOT SPECIFIED
Design Pressure	5 bar

One (1) Shell Valve 100 mm

Manufacturer Number(S. No.)	BABC27
Model No.	SB-100-SB
ABS Stamping	✱ OS2985165
Valve Size	100
Valve Material	Stainless Steel - High Strength Steel - NOT SPECIFIED - NOT SPECIFIED

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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:

Side shell valves intended for Echosounder Transducer Installation

Hydrostatic pressure test was carried out at 5 bar with closed valve. No leakage or plastic deformation were noted during testing.

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.

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

Hognesen Marius

Electronically Signed on 12-Sep-2015

Reviewed By
Fuglei, Tor Brodde

Electronically Signed on 23-Sep-2015, Oslo Port

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