



AMERICAN BUREAU OF SHIPPING

Customer Name	SKIPPER ELECTRONICS A/S	Purchase Order No.	80335
Attending Office	Oslo	Report Number	OS2065563
First Visit Date	10-Nov-2011	Last Visit Date	15-Nov-2011

Certification Of: Set of 3 Transducer Combo Tanks Quantity: One(1)
Manufacturer: SKIPPER ELECTRONICS A/S

Survey Location: Oslo, Norway

Equipment Data

Manufacturer Number(S. No.) charge numbers
Model Number ETNSTCLF Combo - 219,10 x 20 mm
Designer Name SKIPPER ELECTRONICS A/S
Vendor Tag Number TC-2002-rev.03

Design Details

Design State Product Design Assessed
ABS Reviewing Organization London Engineering Department
Drawing Number 07-LD293357-PDA

Additional Data

ABS Stamping * OS2065563
Diameter 219.1 mm
Material Carbon Steel - Ordinary Strength Steel - NOT SPECIFIED - NOT SPECIFIED
Design Pressure 6 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.

Welding plans, procedures & welder qualifications have been reviewed as required by Rule/Specifications.

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

Manufacturer test records and/or mill certificates were confirmed to comply with specification.

Final markings for identification confirmed.

Surveyor(s) to The American Bureau of Shipping

Attending Surveyors

Silvestro Francesco

Electronically Signed on 15-Nov-2011

Reviewed By

Refshaug, Arne S.

Electronically Signed on 23-Nov-2011, Oslo Port

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