



# AMERICAN BUREAU OF SHIPPING

Customer Name	SKIPPER ELECTRONICS A/S	Purchase Order No.	84647
Attending Office	Oslo	Report Number	OS2209711
First Visit Date	28-Sep-2012	Last Visit Date	04-Dec-2012

**Certification Of:** Set of four (4) 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	* OS2209711
Diameter	219.1 mm
Material	Carbon Steel - Ordinary Strength Steel - 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.

The principal data has been verified in accordance with the applicable Rules/specifications and approved plans, and confirmed to be within acceptable tolerances.

Manufacturer confirmed the product does not contain asbestos through Asbestos Free Declarations and/or supporting documents.

For non-ABS Grades, tests and examinations as required by the specifications as listed in this report were carried out and found satisfactory.

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

Final markings for identification confirmed.

Visual inspection, dimensional control and review of material certification carried out.

NOTE: This report evidences that the survey reported herein was carried out in compliance with one or more of the Rules, guides, standards or other criteria of the American Bureau of Shipping and is issued solely for the use of the Bureau, its committees, its clients or other authorized entities. This Report is a representation only that the vessel, structure, item or material equipment, machinery or any other item covered by this Report has been examined for compliance with, or has met one or more of the Rules, guides, standards or other criteria of American Bureau of Shipping. The validity, applicability and interpretation of this report is governed by the Rules and standards of American Bureau of Shipping who shall remain the sole judge thereof. Nothing contained in this Report or in any notation made in the contemplation of this Report shall be deemed to relieve any designer, builder, owner, manufacturer, seller, supplier, repairer, operator or other entity of any warranty express or implied.

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

Silvestro Francesco

Electronically Signed on 04-Dec-2012

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**Reviewed By**  
Fuglei, Tor Brodde

Electronically Signed on 12-Dec-2012, Oslo Port

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