



# 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 6 Transducer Standard Tanks      **Quantity:** One(1)  
Manufacturer: SKIPPER ELECTRONICS A/S

**Survey Location:** Oslo, Norway

## Equipment Data

Manufacturer Number(S. No.)      charge numbers  
Model Number      ETNST Standard - 219,10 x 20 mm  
Designer Name      SKIPPER ELECTRONICS A/S  
Vendor Tag Number      TB-2002-rev.00

## 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

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.