



# AMERICAN BUREAU OF SHIPPING

|                  |                         |                    |             |
|------------------|-------------------------|--------------------|-------------|
| Customer Name    | SKIPPER ELECTRONICS A/S | Purchase Order No. | 255053      |
| Attending Office | Oslo                    | Report Number      | OS2718969   |
| First Visit Date | 22-Sep-2014             | Last Visit Date    | 22-Sep-2014 |

**Certification Of:** Set of Three (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       |
| Vendor Tag Number           | 66524          |

## Design Details

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

## Additional Data

|              |                                                                        |
|--------------|------------------------------------------------------------------------|
| ABS Stamping | * OS2718969                                                            |
| 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.

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

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

Final markings for identification confirmed.

## Steel tanks intended for Echosounder Transducer Installation

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

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

Silvestro Francesco

Electronically Signed on 22-Sep-2014

Reviewed By  
Fuglei, Tor Brodde

Electronically Signed on 30-Sep-2014, Oslo Port

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