



AMERICAN BUREAU OF SHIPPING

Customer Name	SKIPPER ELECTRONICS A/S	Purchase Order No.	100106 / 100102
Attending Office	Oslo	Report Number	OS3082557
First Visit Date	10-Feb-2016	Last Visit Date	02-Mar-2016

Certification Of: Set of five (5) Transducer Tanks Quantity: One(1)
Manufacturer: SKIPPER ELECTRONICS A/S

Survey Location: Oslo, Norway

Equipment Data

Manufacturer Number(S. No.) Charge numbers
Model Number ETNST

Design Details

Design State Design Approved/Reviewed
ABS Reviewing Organization London Engineering Department
Drawing Number 16-LD1465075-PDA

Additional Data

ABS Stamping * OS3082557-B
Diameter 219 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 applicable approved plans, and confirmed to be within acceptable tolerances.

All parts of the machinery/equipment satisfactorily complied with the approved drawings. Amendments, if any, verified to be rectified and considered satisfactory.

Final markings for identification confirmed.

Steel tanks intended for Echosounder Transducer Installation

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

This item is intended for stock.

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

Mac an Bhaird Sean

Electronically Signed on 02-Mar-2016

Reviewed By

Fuglei, Tor Brodde

Electronically Signed on 08-Mar-2016, Oslo Port

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