



AMERICAN BUREAU OF SHIPPING

Customer Name	SKIPPER ELECTRONICS A/S	Purchase Order No.	PWO 109610
Attending Office	Oslo	Report Number	OS3607562
First Visit Date	04-Jan-2019	Last Visit Date	07-Jan-2019

Certification Of: Set of Ten (10) Transducer Tanks Quantity: One(1)
Manufacturer: SKIPPER ELECTRONICS A/S

Survey Location: Oslo, Norway

Equipment Data

Manufacturer Number(S. No.) Batch no
Model Number ETNST

Design Details

Design State Product Design Assessed
ABS Reviewing Organization London Engineering Department
Drawing Number 16-LD1465075-PDA

Additional Data

ABS Stamping ✖ OS3607562
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.

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

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

Asbestos-free declaration verified and supporting documentation reviewed.

Final markings for identification confirmed.

Steel tanks intended for Echosounder Transducer Installation

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

Tanks were found covered by ABS Product Design Assessment no. 16-LD1465075-PDA.

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

Refshauge Arne S.

Electronically Signed on 07-Jan-2019

Reviewed By
Fuglei, Tor Brodde

Electronically Signed on 07-Jan-2019, Oslo Port

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