



AMERICAN BUREAU OF SHIPPING

Customer Name	SKIPPER ELECTRONICS A/S	Purchase Order No.	110378
Attending Office	Oslo	Report Number	OS3669837
First Visit Date	10-May-2019	Last Visit Date	10-May-2019

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.)	Batch no 19131
Model Number	ETNST
Vendor Tag Number	110378

Design Details

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

Additional Data

ABS Stamping	※ OS3669837
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.

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

Silvestro Francesco

Electronically Signed on 10-May-2019

Reviewed By
Fuglei, Tor Brodde

Electronically Signed on 10-May-2019, Oslo Port

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