



DNV

# CERTIFICATE

FOR VALVE - PRESSURE REDUCING

Certificate No:  
**N142SMMS**

## This is to certify

that the product:	<b>Valve Assembly</b>
Type designation:	<b>SB-100-SB</b>
Application/context:	<b>The valve may be used in conjunction with installation of speed log or echo sounder</b>
Serial/tag no:	<b>23601</b>

Has been found to comply with relevant requirements in:  
**DNV-RU-SHIP :Rules for classification: Ships (2022-07)**

The product is intended for

Yard:	-
Yard No:	-
Name of vessel:	<b>STOCK</b>
DNV Id No:	-

**The product / material has been marked: N142SMMS on: Valve housing**

## Particulars of Vendor and Purchaser

Vendor:	<b>Jotron Skipper AS</b>
Vendor reference:	
Purchaser:	
Purchaser reference:	

Issued at **Oslo Maritime and CAP** on **2024-01-17**



for **DNV**

This document has been digitally signed and will  
therefore not have handwritten signatures

**Karlsen, Håkon**  
**Surveyor**

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Revision: 2022-12

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**Linked Type Approvals:**

TAS00001J9 Rev.1, Bottom Penetration for Echo Sounder, Sonar or Log

**Surveyor Supplementary information:**

The valve housing has been subjected to a hydro-static pressure test, and the valve assembly to a seat leakage test to 5 bar. Holding time 5 minutes.

**Manufacturing Survey Arrangement No: MSARC0000B3Z**

**Quality System Certificate No: TI151 ISO 9001:2015**