



DNV

CERTIFICATE

FOR VALVE - PRESSURE REDUCING

Certificate No:
N1422A33

This is to certify

that the product: **Valve Assembly**
Type designation: **SB-100-SB**
Application/context: **The valve may be used in conjunction with installation of speed log or echo sounder**
Serial/tag no: **21013**

Has been found to comply with relevant requirements in:
DNVGL-RU-SHIP :DNV GL rules for classification: Ships (2019-07)

The product is intended for

Yard: -
Yard No: -
Name of vessel: **STOCK**
DNV Id No: -

The product / material has been marked: N1422A33 on: Valve housing

Particulars of Vendor and Purchaser

Vendor: **Skipper Electronics AS**
Vendor reference: **Valve sertifikater for signering 19 04 2021**
Purchaser:
Purchaser reference:

Issued at **Oslo Maritime and CAP** on **2021-04-20**



for **DNV**

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

Karlsen, Håkon
Surveyor

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Form code: CMC 201

Revision: 2021-03

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Linked Type Approvals:

TAS00001J9, 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