



DNV

CERTIFICATE

FOR VALVE - PRESSURE REDUCING

Certificate No:
N142B2ZA

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: | 22441 |

Has been found to comply with relevant requirements in:
DNV-RU-SHIP :Rules for classification: Ships (2021-07)

The product is intended for

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

The product / material has been marked: N142B2ZA on: Valve housing

Particulars of Vendor and Purchaser

| | |
|----------------------|-------------------------------|
| Vendor: | Skipper Electronics AS |
| Vendor reference: | |
| Purchaser: | |
| Purchaser reference: | |

Issued at **Oslo Maritime and CAP** on **2022-12-05**



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: 2022-09

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Page 1 of 2



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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