



DNV

CERTIFICATE

FOR VALVE - PRESSURE REDUCING

Certificate No:

N142GNRB

This is to certify

that the product:

Valve Assembly

Type designation:

SB-60-SA

Application/context:

The valve may be used in conjunction with installation of speed log or echo sounder

Serial/tag no:

23102

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: N142GNRB on: Valve housing

Particulars of Vendor and Purchaser

Vendor:

Skipper Electronics AS

Vendor reference:

Purchaser:

Purchaser reference:

Issued at **Oslo Maritime and CAP** on **2023-03-16**



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: 2022-12

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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