



CERTIFICATE

FOR VALVE - PRESSURE REDUCING

Certificate No:
N1422A22
Rev.01

This is to certify

that the product: **2 x Valve Assembly**

Type designation: **SB-60-SA / SB-200-ECHO**

Application/context: **The valve may be used in conjunction with installation of speed log or echo sounder**

Serial/tag no: **20335**
21044

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: N1422A22 on: Valve housing

Particulars of Vendor and Purchaser

Vendor: **Skipper Electronics AS**

Vendor reference: **Valve certificates 14 12 2020**

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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Linked Type Approvals:

TAS00001J9, Bottom Penetration for Echo Sounder, Sonar or Log
TAS00001FU, Bottom Penetration for Echo Sounder, Sonar or Log

Surveyor Supplementary information:

20335 - Type Designation SB-60-SA
21044 - Type Designation SB-200-ECHO

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